

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

Adviser:

**370**

### Virus Detection (Genome/Antigen) - Influenza A and B Viruses incl. Avian Influenza A Viruses

#### Influenza A viruses - qualitative +

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	positive (3)	positive (3)	SV		+
	370127	positive (3)	positive (3)	SV		+
	370128	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370129	positive (3)	positive (3)	SV		+
	370130	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370131	below detection limit/negative (1)	below detection limit/negative (1)	SV		+

#### Subtyping of seasonal influenza A viruses +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	negative for seasonal influenza A virus (1)	negative for seasonal influenza A virus (1)	ET		+
	370127	H3N2 (H3N2)	H3 (H3), H3N2 (H3N2)	ET		+
	370128	negative for seasonal influenza A virus (1)	negative for seasonal influenza A virus (1), not done (98)	ET		+
	370129	H1N1 pdm09 (H1N1)	H1 (H1), H1 pdm09 (H1), H1N1 (H1N1), H1N1 pdm09 (H1N1)	ET		+
	370130	negative for seasonal influenza A virus (1)	negative for seasonal influenza A virus (1), not done (98)	ET		+
	370131	negative for seasonal influenza A virus (1)	negative for seasonal influenza A virus (1), not done (98)	ET		+

#### Qualitative detection of avian influenza A(H5Nx) virus with primers/probes specific for H5Nx or H5 +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	H5 (H5)	H5 (H5), H5N1 (H5N1)	ET		+
	370127	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370128	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370129	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370130	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370131	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

### Qualitative detection of influenza A(H1N1) pdm09 virus with primers/probes specific for H1N1 or H1

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370127	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370128	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370129	H1N1 pdm09 (H1N1)	H1 pdm09 (H1), H1N1 pdm09 (H1N1)	ET		+
	370130	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370131	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370127	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370128	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370129	H1N1 pdm09 (H1N1)	H1 pdm09 (H1), H1N1 pdm09 (H1N1)	ET		+
	370130	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370131	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+

### Qualitative detection of avian influenza A(H7N9) virus with primers/probes specific for H7N9 or H7

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370127	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370128	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370129	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	370130	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	370131	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**Influenza B viruses - qualitative**

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	370126	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370127	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370128	positive (3)	positive (3)	SV		+
	370129	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370130	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	370131	positive (3)	positive (3)	SV		+

**371**
**Virus Genome Detection - Adenoviruses**
**Adenoviruses (DNA) - quantitative**

Name of test	Unit	Method	Manufacturer				
	Copies/ml	PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	371085	2000000	149030	1490302600	ET	14903026	+
	371086	0.000	0.000	0.000	ET	0.000	+
	371087	82000	3039	30394000	ET	303940	+
	371088	250000	42284	422840500	ET	4228405	+

**Adenoviruses (DNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	positive (3)	positive (3)	SV		+
	371086	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	371087	positive (3)	positive (3)	SV		+
	371088	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	positive (3)	positive (3)	SV		+
	371086	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	371087	positive (3)	positive (3)	SV		+
	371088	positive (3)	positive (3)	SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**Adenoviruses (DNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
FTD Viral gastroenteritis		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	positive (3)	positive (3)	SV		+
	371086	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	371087	positive (3)	positive (3)	SV		+
	371088	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
FTD EPA		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	positive (3)	positive (3)	SV		+
	371086	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	371087	positive (3)	positive (3)	SV		+
	371088	positive (3)	positive (3)	SV		+

**Adenoviruses (DNA) - species identification**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	species B (B)	species B (B)	ET		+
	371086	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	371087	species C (C)	species C (C)	ET		+
	371088	species D (D)	species D (D)	ET		+

**Adenoviruses (DNA) - type identification**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	371085	AdV 11 (11)	AdV 11 (11)	ET		+
	371086	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	371087	AdV 2 (2)	AdV 2 (2)	ET		+
	371088	AdV 37 (37)	AdV 37 (37)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

340

### Virus Genome Detection - Coronaviruses

#### MERS coronavirus (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	340075	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340077	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340079	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340080	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340081	below detection limit/negative (1)	below detection limit/negative (1)			

Sample not evaluated

#### Other human coronaviruses (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	340075	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340077	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340078	positive for HCoV 229E (229E)	positive for HCoV 229E (229E), positive for HCoV (for non differentiating HCoV tests) (Non)	SV		+
	340079	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340080	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340081	below detection limit/negative (1)				

Sample not evaluated

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**SARS-CoV-2 (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer				+
NeuMoDx SARS-CoV-2 Assay		PCR / NAT (395)	NEUMODX (NE)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type			Meets criteria
	340075	positive (3)	positive (3)	SV			+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV			+
	340077	positive (3)	positive (3)	SV			+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV			+
	340079	positive (3)	positive (3)	SV			+
	340080	positive (3)	positive (3)	SV			+
	340081	positive (3)					+
							Sample not evaluated
Primer / Gene region	Sample	Your value					
	340075	N gene					
	340076	N gene					
	340077	N gene					
	340078	N gene					
	340079	N gene					
	340080	N gene					
	340081	N gene					
Name of test	Unit	Method	Manufacturer				
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type			Meets criteria
	340075	positive (3)	positive (3)	SV			+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV			+
	340077	positive (3)	positive (3)	SV			+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV			+
	340079	positive (3)	positive (3)	SV			+
	340080	positive (3)	positive (3)	SV			+
	340081	positive (3)					+
							Sample not evaluated
Primer / Gene region	Sample	Your value					
	340075	RdRP gene					
	340076	RdRP gene					
	340077	RdRP gene					
	340078	RdRP gene					
	340079	RdRP gene					
	340080	RdRP gene					
	340081	RdRP gene					





## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

Name of test	Unit	Method	Manufacturer			
RealStar SARS-CoV-2 RT-PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	340075	positive (3)	positive (3)	SV		+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340077	positive (3)	positive (3)	SV		+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340079	positive (3)	positive (3)	SV		+
	340080	positive (3)	positive (3)	SV		+
	340081	positive (3)	positive (3)	SV		+
						Sample not evaluated
Primer / Gene region	Sample	Your value				
	340075	E gene				
	340076	E gene				
	340077	E gene				
	340078	E gene				
	340079	E gene				
	340080	E gene				
	340081	E gene				
Name of test	Unit	Method	Manufacturer			
RealStar SARS-CoV-2 RT-PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	340075	positive (3)	positive (3)	SV		+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340077	positive (3)	positive (3)	SV		+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340079	positive (3)	positive (3)	SV		+
	340080	positive (3)	positive (3)	SV		+
	340081	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
						Sample not evaluated
Primer / Gene region	Sample	Your value				
	340075	S gene				
	340076	S gene				
	340077	S gene				
	340078	S gene				
	340079	S gene				
	340080	S gene				
	340081	S gene				



## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

Name of test	Unit	Method	Manufacturer			
FTD SARS-CoV-2 assay		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	340075	positive (3)	positive (3)	SV		+
	340076	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340077	positive (3)	positive (3)	SV		+
	340078	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	340079	positive (3)	positive (3)	SV		+
	340080	positive (3)	positive (3)	SV		+
	340081	positive (3)				
Primer / Gene region	Sample	Your value				
	340075	other				
	340076	other				
	340077	other				
	340078	other				
	340079	other				
	340080	other				
	340081	other				

Sample not evaluated

365

## Virus Genome Detection - Cytomegalovirus Program 1

### CMV (DNA) - quantitative

+

Name of test	Unit	Method	Manufacturer				
	Copies/ml	PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	365169	0.000	0.000	0.000	SV	0.000	+
	365170	30000	11276	448901	SV	71146	+
	365171	170000	53041	2111587	SV	334664	+
	365172	4700	2053	81715	SV	12951	+



### CMV (DNA) - qualitative

+

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	365169	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	365170	positive (3)	positive (3)	SV		+
	365171	positive (3)	positive (3)	SV		+
	365172	positive (3)	positive (3)	SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

372

### Virus Genome Detection - Enteroviruses

#### Enteroviruses (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens Z1		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	372086	positive (3)	positive (3)	SV		+
	372087	positive (3)	positive (3)	SV		+
	372088	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	372089	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
RealStar Enterovirus RT-PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	372086	positive (3)	positive (3)	SV		+
	372087	positive (3)	positive (3)	SV		+
	372088	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	372089	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
FTD EPA		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	372086	positive (3)	positive (3)	SV		+
	372087	positive (3)	positive (3)	SV		+
	372088	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	372089	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	372086	positive (3)	positive (3)	SV		+
	372087	positive (3)	positive (3)	SV		+
	372088	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	372089	positive (3)	positive (3)	SV		+

#### Enteroviruses (RNA) - type identification

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	372086	Coxsackievirus B3 (B3)	Coxsackievirus B3 (B3)	ET		+
	372087	Enterovirus 68 (68)	Enterovirus 68 (68)	ET		+
	372088	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	372089	Coxsackievirus B4 (B4)	Coxsackievirus B4 (B4)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**376**

### Virus Genome Detection - Epstein Barr Virus

**EBV (DNA) - quantitative** +

Name of test	Unit	Method	Manufacturer				
	Copies/ml	PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	376085	0.000	0.000	0.000	SV	0.000	+
	376086	3600	943	94300	SV	9430	+
	376087	8400	2072	207170	SV	20717	+
	376088	5000	1475	147470	SV	14747	+

**EBV (DNA) - qualitative** +

Name of test	Unit	Method	Manufacturer				
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	376085	below detection limit/negative (1)	below detection limit/negative (1)		SV		+
	376086	positive (3)	positive (3)		SV		+
	376087	positive (3)	positive (3)		SV		+
	376088	positive (3)	positive (3)		SV		+

**360**

### Virus Genome Detection - HIV-1 (RNA) Program 1

**HIV-1 (RNA) - quantitative** +

Name of test	Unit	Method	Manufacturer				
Alinity m HIV-1 Assay	Copies/ml	PCR / NAT (395)	ABBOTT (AB)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	360169	0.000	0.000	0.000	SV	0.000	+
	360170	300	127	2006	SV	504	+
	360171	12000	4092	64856	SV	16291	+
	360172	33000	13112	207808	SV	52199	+

Name of test	Unit	Method	Manufacturer				
COBAS 4800 HIV-1 Test	Copies/ml	PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	360169	0.000	0.000	0.000	SV	0.000	+
	360170	400	127	2006	SV	504	+
	360171	23000	4092	64856	SV	16291	+
	360172	66000	13112	207808	SV	52199	+

**HIV-1 (RNA) - qualitative** +

Name of test	Unit	Method	Manufacturer				
Alinity m HIV-1 Assay		PCR / NAT (395)	ABBOTT (AB)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	360169	below detection limit/negative (1)	below detection limit/negative (1)		SV		+
	360170	positive (3)	positive (3)		SV		+
	360171	positive (3)	positive (3)		SV		+
	360172	positive (3)	positive (3)		SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**HIV-1 (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
COBAS 4800 HIV-1 Test		PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	360169	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	360170	positive (3)	positive (3)	SV		+
	360171	positive (3)	positive (3)	SV		+
	360172	positive (3)	positive (3)	SV		+

**377**
**Virus Genome Detection - Hepatitis A Virus**
**HAV (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
RealStar HAV RT-PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	377169	positive (3)	positive (3)	SV		+
	377170	positive (3)	positive (3)	SV		+
	377171	positive (3)	positive (3)	SV		+
	377172	below detection limit/negative (1)	below detection limit/negative (1)	SV		+

**396**
**Virus Genome Detection - Hepatitis B Virus Genotyping**
**HBV - genotyping**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	396021	Genotype A (A)	Genotype A (A)	ET		+
	396022	Genotype B (B)	Genotype B (B)	ET		+
	396023	Genotype D (D)	Genotype D (D)	ET		+
	396024	Genotype A (A)	Genotype A (A)	ET		+

**HBV - genosubtyping**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	396021	Genosubtype A1 (A1)	Genosubtype A1 (A1)	ET		+
	396022	Genosubtype B2 (B2)	Genosubtype B2 (B2)	ET		+
	396023	Genosubtype D1 (D1)	Genosubtype D1 (D1)	ET		+
	396024	Genosubtype A2 (A2)	Genosubtype A2 (A2)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**361**

### Virus Genome Detection - Hepatitis B Virus Program 1

#### HBV (DNA) - quantitative

Name of test	Unit	Method	Manufacturer				
Alinity m HBV Assay	IU/ml	PCR / NAT (395)	ABBOTT (AB)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	361169	7600	2017	31972	SV	8031	+
	361170	46000	12097	191720	SV	48158	+
	361171	2100	771	12218	SV	3069	+
	361172	23000	5939	94128	SV	23644	+
Name of test	Unit	Method	Manufacturer				
COBAS 4800 HBV Test	IU/ml	PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	361169	7900	2017	31972	SV	8031	+
	361170	59000	12097	191720	SV	48158	+
	361171	3100	771	12218	SV	3069	+
	361172	28000	5939	94128	SV	23644	+

#### HBV (DNA) - qualitative

Name of test	Unit	Method	Manufacturer				
Alinity m HBV Assay		PCR / NAT (395)	ABBOTT (AB)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	361169	positive (3)	positive (3)		SV		+
	361170	positive (3)	positive (3)		SV		+
	361171	positive (3)	positive (3)		SV		+
	361172	positive (3)	positive (3)		SV		+
Name of test	Unit	Method	Manufacturer				
COBAS 4800 HBV Test		PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	361169	positive (3)	positive (3)		SV		+
	361170	positive (3)	positive (3)		SV		+
	361171	positive (3)	positive (3)		SV		+
	361172	positive (3)	positive (3)		SV		+

**362**

### Virus Genome Detection - Hepatitis C Virus Program 1

#### HCV (RNA) - quantitative

Name of test	Unit	Method	Manufacturer				
COBAS 4800 HCV Test	IU/ml	PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	362169	0.000	0.000	0.000	SV	0.000	+
	362170	2500	1459	23126	SV	5809	+
	362171	320	155	2460	SV	618	+
	362172	1100	506	8014	SV	2013	+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**HCV (RNA) - quantitative**

Name of test	Unit	Method	Manufacturer				
Alinity m HCV Assay	IU/ml	PCR / NAT (395)	ABBOTT (AB)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	362169	0.000	0.000	0.000	SV	0.000	+
	362170	4800	1459	23126	SV	5809	+
	362171	490	155	2460	SV	618	+
	362172	2500	506	8014	SV	2013	+
Name of test	Unit	Method	Manufacturer				
Abbott RealTime HCV	IU/ml	PCR / NAT (395)	ABBOTT (AB)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	362169	0.000	0.000	0.000	SV	0.000	+
	362170	4100	1459	23126	SV	5809	+
	362171	520	155	2460	SV	618	+
	362172	2000	506	8014	SV	2013	+

**HCV (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer				
Abbott RealTime HCV		PCR / NAT (395)	ABBOTT (AB)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	362169	below detection limit/negative (1)	below detection limit/negative (1)		SV		+
	362170	positive (3)	positive (3)		SV		+
	362171	positive (3)	positive (3)		SV		+
	362172	positive (3)	positive (3)		SV		+
Name of test	Unit	Method	Manufacturer				
COBAS 4800 HCV Test		PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	362169	below detection limit/negative (1)	below detection limit/negative (1)		SV		+
	362170	positive (3)	positive (3)		SV		+
	362171	positive (3)	positive (3)		SV		+
	362172	positive (3)	positive (3)		SV		+
Name of test	Unit	Method	Manufacturer				
Alinity m HCV Assay		PCR / NAT (395)	ABBOTT (AB)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	362169	below detection limit/negative (1)	below detection limit/negative (1)		SV		+
	362170	positive (3)	positive (3)		SV		+
	362171	positive (3)	positive (3)		SV		+
	362172	positive (3)	positive (3)		SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**380**

### Virus Genome Detection - Hepatitis E Virus

**HEV (RNA) - quantitative** +

Name of test	Unit	Method	Manufacturer				
RealStar HEV RT-PCR Kit 2.0	IU/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	380077	64000	6035	603470	ET	60347	+
	380078	1400	296	29580	ET	2958	+
	380079	220000	17560	1755960	ET	175596	+
	380080	51000	4119	411900	ET	41190	+
Name of test	Unit	Method	Manufacturer				
RealStar HEV RT-PCR Kit 2.0	IU/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	380077	49000	6035	603470	ET	60347	+
	380078	1000	296	29580	ET	2958	+
	380079	150000	17560	1755960	ET	175596	+
	380080	48000	4119	411900	ET	41190	+

**HEV (RNA) - qualitative** +

Name of test	Unit	Method	Manufacturer				
RealStar HEV RT-PCR Kit 2.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	380077	positive (3)	positive (3)		SV		+
	380078	positive (3)	positive (3)		SV		+
	380079	positive (3)	positive (3)		SV		+
	380080	positive (3)	positive (3)		SV		+
Name of test	Unit	Method	Manufacturer				
RealStar HEV RT-PCR Kit 2.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (qual)	Sample	Your specification(s)	Correct specification(s)		TV-Type		Meets criteria
	380077	positive (3)	positive (3)		SV		+
	380078	positive (3)	positive (3)		SV		+
	380079	positive (3)	positive (3)		SV		+
	380080	positive (3)	positive (3)		SV		+

**363**

### Virus Genome Detection - Herpes Simplex Virus Type 1/Type 2

**HSV 1 (DNA) - quantitative** +

Name of test	Unit	Method	Manufacturer				
RealStar HSV PCR Kit 1.0	Copies/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	363127	0.000	0.000	0.000	SV	0.000	+
	363128	30000	3960	396040	SV	39604	+
	363129	110000	12853	1285270	SV	128527	+
	363130	0.000	0.000	0.000	SV	0.000	+
	363131	0.000	0.000	0.000	SV	0.000	+
	363132	10000	1376	137600	SV	13760	+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
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Survey of 27 November 2020

**HSV 1 (DNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
RealStar alpha Herpesvirus PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	363127	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363128	positive (3)	positive (3)	SV		+
	363129	positive (3)	positive (3)	SV		+
	363130	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363131	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363132	positive (3)	positive (3)	SV		+

**HSV 2 (DNA) - quantitative**

Name of test	Unit	Method	Manufacturer				
RealStar HSV PCR Kit 1.0	Copies/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	363127	42000	3936	393570	SV	39357	+
	363128	0.000	0.000	0.000	SV	0.000	+
	363129	0.000	0.000	0.000	SV	0.000	+
	363130	0.000	0.000	0.000	SV	0.000	+
	363131	14000	1411	141080	SV	14108	+
	363132	0.000	0.000	0.000	SV	0.000	+

**HSV 2 (DNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
RealStar alpha Herpesvirus PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	363127	positive (3)	positive (3)	SV		+
	363128	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363129	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363130	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363131	positive (3)	positive (3)	SV		+
	363132	below detection limit/negative (1)	below detection limit/negative (1)	SV		+

**HSV (DNA) - qualitative without differentiation of HSV 1 and HSV 2**

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	363127	positive (3)	positive (3)	SV		+
	363128	positive (3)	positive (3)	SV		+
	363129	positive (3)	positive (3)	SV		+
	363130	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	363131	positive (3)	positive (3)	SV		+
	363132	positive (3)	positive (3)	SV		+



## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**385**

### Virus Genome Detection - Human Metapneumovirus

#### HMPV (RNA) - qualitative +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	385053	positive (3)	positive (3)	SV		+
	385054	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	385055	positive (3)	positive (3)	SV		+
	385056	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	385053	positive (3)	positive (3)	SV		+
	385054	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	385055	positive (3)	positive (3)	SV		+
	385056	positive (3)	positive (3)	SV		+

**373**

### Virus Genome Detection - Human Papilloma Viruses

#### Differentiation of "High Risk" and "Low Risk" types of HPV +

Name of test	Unit	Method	Manufacturer			
INNO-LiPA HPV Genotyping Extra II		PCR / NAT (395)	FUJIREBIO (FJ)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	373106	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	373107	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373108	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373109	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373110	positive for Low Risk-HPV (4)	positive for Low Risk-HPV (4)	SV		+

#### Detection of "High Risk" HPV (without detection of "Low Risk" HPV) +

Name of test	Unit	Method	Manufacturer			
Cobas 4800 HPV Test		PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	373106	below detection limit/negative for High Risk-HPV (1)	below detection limit/negative for High Risk-HPV (1)	SV		+
	373107	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373108	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373109	positive for High Risk-HPV (3)	positive for High Risk-HPV (3)	SV		+
	373110	below detection limit/negative for High Risk-HPV (1)	below detection limit/negative for High Risk-HPV (1)	SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
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Survey of 27 November 2020

### Typing of "High Risk" HPV and "Low Risk" HPV +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	373106	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	373107	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373108	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373109	HPV 18 (High Risk) (18)	HPV 18 (High Risk) (18)	ET		+
	373110	HPV 6 (Low Risk) (6)	HPV 6 (Low Risk) (6), HPV 6, HPV 11 (Low Risk) (6,11)	ET		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	FUJIREBIO (FJ)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	373106	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	373107	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373108	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373109	HPV 18 (High Risk) (18)	HPV 18 (High Risk) (18)	ET		+
	373110	HPV 6 (Low Risk) (6)	HPV 6 (Low Risk) (6), HPV 6, HPV 11 (Low Risk) (6,11)	ET		+

### Typing of "High Risk" HPV (without detection of "Low Risk" HPV) +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	ROCHE DIAGNOSTICS (RO)			
Cobas 4800 HPV Test						
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	373106	negative for High Risk HPV (1)	negative for High Risk HPV (1), not done (98)	ET		+
	373107	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373108	HPV 16 (High Risk) (16)	HPV 16 (High Risk) (16)	ET		+
	373109	HPV 18 (High Risk) (18)	HPV 18 (High Risk) (18), HPV 18, HPV 45 (High Risk) (18,45)	ET		+
	373110	negative for High Risk HPV (1)	negative for High Risk HPV (1), not done (98)	ET		+

393

## Virus Genome Detection - Human Rhinoviruses

### HRV (RNA) - qualitative +

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
FTD Respiratory pathogens 21						
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	393045	positive (3)	positive (3)	SV		+
	393046	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	393047	positive (3)	positive (3)	SV		+
	393048	positive (3)	positive (3)	SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
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Survey of 27 November 2020

### HRV (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	393045	positive (3)	positive (3)	SV		+
	393046	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	393047	positive (3)	positive (3)	SV		+
	393048	positive (3)	positive (3)	SV		+

### HRV (RNA) - type identification

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	393045	HRV A30 (A30)	HRV A30 (A30)	ET		+
	393046	below detection limit/negative (1)	below detection limit/negative (1)	ET		+
	393047	HRV A1 (A1)	HRV A1 (A1)	ET		+
	393048	HRV A30 (A30)	HRV A30 (A30)	ET		+

386

## Virus Genome Detection - Measles Virus

### Measles virus (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	386053	positive (3)	positive (3)	SV		+
	386054	positive (3)	positive (3)	SV		+
	386055	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	386056	positive (3)	positive (3)	SV		+

### Measles virus (RNA) - type identification

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	386053	Genotype B3 (B3)	Genotype B3 (B3)	ET		+
	386054	Genotype H1 (H1)	Genotype H1 (H1)	ET		+
	386055	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	386056	Genotype D8 (D8)	Genotype D8 (D8)	ET		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 27 November 2020

**387**

### Virus Genome Detection - Mumps Virus

#### Mumps virus (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	387049	positive (3)	positive (3)	SV		+
	387050	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	387051	positive (3)	positive (3)	SV		+
	387052	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	387049	positive (3)	positive (3)	SV		+
	387050	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	387051	positive (3)	positive (3)	SV		+
	387052	positive (3)	positive (3)	SV		+

#### Mumps virus (RNA) - type identification

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	387049	Genotype G (G)	Genotype G (G)	ET		+
	387050	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	387051	Genotype G (G)	Genotype G (G)	ET		+
	387052	Genotype C (C)	Genotype C (C)	ET		+

**381**

### Virus Genome Detection - Norovirus

#### Norovirus (RNA) genogroup I - qualitative

Name of test	Unit	Method	Manufacturer			
FTD Viral gastroenteritis		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	381062	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	381063	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	381064	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	381065	below detection limit/negative (1)	below detection limit/negative (1)	SV		+

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
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Survey of 27 November 2020

### Norovirus (RNA) genogroup II - qualitative +

Name of test	Unit	Method	Manufacturer			
FTD Viral gastroenteritis		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	381062	positive (3)	positive (3)	SV		+
	381063	positive (3)	positive (3)	SV		+
	381064	positive (3)	positive (3)	SV		+
	381065	below detection limit/negative (1)	below detection limit/negative (1)	SV		+

**367**

### Virus Genome Detection - Parvovirus B19

#### Parvovirus B19 (DNA) - quantitative +

Name of test	Unit	Method	Manufacturer				
RealStar Parvovirus B19 Kit 1.0	IU/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	367169	360000	193123	7688348	ET	1218521	+
	367170	0.000	0.000	0.000	ET	0.000	+
	367171	1800	1696	67519	ET	10701	+
	367172	51000	41655	1658320	ET	262826	+

#### Parvovirus B19 (DNA) - qualitative +

Name of test	Unit	Method	Manufacturer			
RealStar Parvovirus B19 Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	367169	positive (3)	positive (3)	SV		+
	367170	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	367171	positive (3)	positive (3)	SV		+
	367172	positive (3)	positive (3)	SV		+

**359**

### Virus Genome Detection - Respiratory Syncytial Virus (Antigen/Genome)

#### RSV antigen +

Name of test	Unit	Method	Manufacturer			
Light Diagnostics Respiratory Panel I Viral Screening and Identification IFA		Immuno fluorescence (240)	MILLIPORE (ML)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	359065	positive (3)	positive (3)	SV		+
	359066	positive (3)	positive (3)	SV		+
	359067	negative (1)	negative (1)	SV		+
	359068	positive (3)	positive (3)	SV		+

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Survey of 27 November 2020

**RSV (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
FTD Respiratory pathogens 21		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	359065	positive (3)	positive (3)	SV		+
	359066	positive (3)	positive (3)	SV		+
	359067	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	359068	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
RealStar RSV RT-PCR Kit 3.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	359065	positive (3)	positive (3)	SV		+
	359066	positive (3)	positive (3)	SV		+
	359067	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	359068	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	359065	positive (3)	positive (3)	SV		+
	359066	positive (3)	positive (3)	SV		+
	359067	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	359068	positive (3)	positive (3)	SV		+

**401**
**Virus Genome Detection - Rotaviruses**
**Rotaviruses (RNA) - qualitative**

Name of test	Unit	Method	Manufacturer			
FTD Viral gastroenteritis		PCR / NAT (395)	FAST-TRACK DIAGNOSTICS (FT)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	401045	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	401046	positive (3)	positive (3)	SV		+
	401047	positive (3)	positive (3)	SV		+
	401048	positive (3)	positive (3)	SV		+

## Listing and evaluation of the results

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Survey of 27 November 2020

389

### Virus Genome Detection - Rubella Virus

#### Rubella virus (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	389049	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	389050	positive (3)	positive (3)	SV		+
	389051	positive (3)	positive (3)	SV		+
	389052	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	389049	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	389050	positive (3)	positive (3)	SV		+
	389051	positive (3)	positive (3)	SV		+
	389052	positive (3)	positive (3)	SV		+

#### Rubella virus (RNA) - type identification

Name of test	Unit	Method	Manufacturer			
		PCR / NAT (395)	IN-HOUSE PRODUCTION (ZX)			
Typing result	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	389049	below detection limit/negative (1)	below detection limit/negative (1), not done (98)	ET		+
	389050	Genotype 1G (1G)	Genotype 1G (1G)	ET		+
	389051	Genotype 1E (1E)	Genotype 1E (1E)	ET		+
	389052	Genotype 2B (2B)	Genotype 2B (2B)	ET		+

366

### Virus Genome Detection - Varicella Zoster Virus

#### VZV (DNA) - quantitative

Name of test	Unit	Method	Manufacturer				
RealStar VZV PCR Kit 1.0	Copies/ml	PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)				
Result (quant)	Sample	Your value	Lower limit	Upper limit	TV-Type	Target value	Meets criteria
	366085	1500000	125424	12542430	SV	1254243	+
	366086	520000	39534	3953380	SV	395338	+
	366087	0.000	0.000	0.000	SV	0.000	+
	366088	56000	4935	493470	SV	49347	+

#### VZV (DNA) - qualitative

Name of test	Unit	Method	Manufacturer			
RealStar alpha Herpesvirus PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	366085	positive (3)	positive (3)	SV		+
	366086	positive (3)	positive (3)	SV		+
	366087	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	366088	positive (3)	positive (3)	SV		+



## Listing and evaluation of the results

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Survey of 27 November 2020

391

### Virus Genome Detection - West Nile Virus

#### WNV (RNA) - qualitative

Name of test	Unit	Method	Manufacturer			
RealStar WNV RT-PCR Kit 1.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	391101	positive (3)	positive (3)	SV		+
	391102	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	391103	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	391104	positive (3)	positive (3)	SV		+
	391105	positive (3)	positive (3)	SV		+
	391106	positive (3)	positive (3)	SV		+
Name of test	Unit	Method	Manufacturer			
RealStar WNV RT-PCR Kit 2.0		PCR / NAT (395)	ALTONA DIAGNOSTIC (AK)			
Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
	391101	positive (3)	positive (3)	SV		+
	391102	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	391103	below detection limit/negative (1)	below detection limit/negative (1)	SV		+
	391104	positive (3)	positive (3)	SV		+
	391105	positive (3)	positive (3)	SV		+
	391106	positive (3)	positive (3)	SV		+