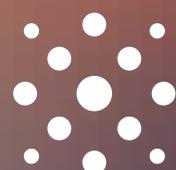




Raw Materials for Immuno & Molecular Diagnostic



THE
CORE OF
BIOTECH

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**Customized developments
and productions for
all our clients.**



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Antibodies & Antigens for Immunodiagnostic

At Alaset for Immunodiagnostic, we transform Certest's advanced know-how in **antigen and antibodies** development, manufacturing and purification into a foundation of **support for our customers** to develop their own lateral flow, CLIA, ELISA & turbidimetric solutions.

We provide the insights needed to turn **ambition into achievement.**



INFECTIOUS DISEASE EXPERTISE

Our core specialization has allowed us to develop a **comprehensive product portfolio** that sets our materials apart from general-purpose suppliers.



OPTIMIZED FOR IMMUNOASSAYS

Our antibodies & antigens are not just reactive in principle; they are functionally engineered and validated to perform **reliably in real diagnostic platforms.**



HIGH-PERFORMANCE BIOMATERIALS

High purity >95%, batch-to-batch consistency **tested by internal QC** using SDS-electrophoresis, HPLC and spectroscopy.



CLINICALLY VALIDATED

We supply the same regulated-grade raw materials we use in our own **CE-IVDR Immunodiagnostic products.**



INFECTIOUS DISEASES

/ Gastrointestinal

• H. pylori

MT-16P2	Anti-H. pylori mAb (clone P2) (x1mg) / Self Pairing! / Paired with MT-16P59 & MT-16P62	C D 
MT-16P59	Anti-H. pylori mAb (clone P59) (x1mg) / Paired with MT-16P2 & MT-16P62	D 
MT-16P62	Anti-H. pylori mAb (clone P62) (x1mg) / Paired with MT-16P2 & MT-16P59	D 
MT-25PCH	H. pylori recombinant outer membrane protein (x1mg)	
MT-24PYL	H. pylori total extract protein (x1 mg)	
MT-28PECU	Inactivated H. pylori antigen (native extract) (x1mL)	

• Campylobacter

MT-16CA29	Anti-Campylobacter mAb (clone CA29) (x1mg) / Paired with MT-16CA30	D 
MT-16CA30	Anti-Campylobacter mAb (clone CA30) (x1mg) / Self Pairing! / Paired with MT-16CA29	C D 
MT-25CEP	Campylobacter jejuni recombinant outer membrane protein (x1mg)	
MT-25CCP	Campylobacter coli recombinant outer membrane protein (x1mg)	
MT-28CJU	Inactivated Campylobacter jejuni antigen (native extract) (x1mL)	
MT-28CCU	Inactivated Campylobacter coli antigen (native extract) (x1mL)	

• Clostridium difficile

1. Clostridium difficile (GDH)

MT-16GD10	Anti-GDH mAb (clone GD10) (x1mg) / Self Pairing!	C D 
MT-25GDH	Clostridium difficile GDH recombinant protein (x1mg)	
MT-28CDF	Inactivated C. difficile antigen (native extract) (x1 mL)	

2. Clostridium difficile Toxin A

MT-16TA22	Anti-CD Toxin A mAb (clone TA22) (x1mg) / Paired with MT-16TA38	D 
MT-16TA35	Anti-CD Toxin A mAb (clone TA35) (x1mg) / Paired with MT-16TA38	C 
MT-16TA38	Anti-CD Toxin A mAb (clone TA38) (x1mg) / Self Pairing! / Paired with MT-16TA22 & MT-16TA35	C D 
MT-25TXA	C. difficile Toxin A recombinant protein (x1mg) (fragment without toxic activity)	

Icons:



3. Clostridium difficile Toxin B

MT-16TB7	Anti-CD Toxin B mAb (clone TB7) (x1mg) / Paired with MT-16TB8	C	
MT-16TB8	Anti-CD Toxin B mAb (clone TB8) (x1mg) / Paired with MT-16TB7 & MT-16TB75	D	
MT-18TB41	Anti-CD Toxin B mAb (clone TB41) (x1mg) / Paired with MT-16TB75	D	
MT-16TB75	Anti-CD Toxin B mAb (clone TB75) (x1mg) / Paired with MT-16TB8, MT-18TB41, MT-16TB175 & MT-16TB194	C	
MT-16TB175	Anti-CD Toxin B mAb (clone TB175) (x1mg) / Paired with MT-16TB75	D	
MT-16TB194	Anti-CD Toxin B mAb (clone TB194) (x1mg) / Paired with MT-16TB75	D	
MT-25TXB	C. difficile Toxin B recombinant protein (x1mg) (fragment without toxic activity)		

• Giardia intestinalis

1. Giardia intestinalis trophozoite

MT-16G18	Anti-Giardia mAb trophozoite protein (clone G18) (x1mg) / Paired with MT-16G22	C	
MT-16G22	Anti-Giardia mAb trophozoite protein (clone G22) (x1mg) / Paired with MT-16G18	D	
MT-25A1G	Giardia intestinalis trophozoite recombinant protein (x1mg)		

2. Giardia intestinalis cyst

MT-16GR7	Anti-Giardia mAb cyst protein (clone GR7) (x1mg) / Paired with MT-16GR16	D	
MT-16GR16	Anti-Giardia mAb cyst protein (clone GR16) (x1mg) / Paired with MT-16GR7	C	
MT-25GCP	Giardia intestinalis cyst recombinant protein (x1mg)		

• Cryptosporidium parvum

MT-16CR23	Anti-Crypto mAb (clone CR23) (x1mg) / Self Pairing!	C	D	
MT-29KOE	Inactivated Cryptosporidium parvum antigen (native extract) (x1mL)			

• Astrovirus

MT-16AT54	Anti-Astrovirus mAb (clone AT54) (x1mg) / Paired with MT-16AT74, MT-16AT86 & MT-16AT92	D	
MT-16AT74	Anti-Astrovirus mAb (clone AT74) (x1mg) / Paired with MT-16AT54	C	
MT-16AT86	Anti-Astrovirus mAb (clone AT86) (x1mg) / Paired with MT-16AT54	C	
MT-16AT92	Anti-Astrovirus mAb (clone AT92) (x1mg) / Paired with MT-16AT54	C	
MT-25AST	Astrovirus capsid recombinant protein (x1mg)		

• **Norovirus**

1. Norovirus GI

MT-16NG09	Anti-Norovirus GI mAb (clone NG09) (x1mg) / Paired with MT-16NG39	C	
MT-18NG28	Anti-Norovirus GI mAb (clone NG28) (x1mg) / Self Pairing!	C D	
MT-16NG39	Anti-Norovirus GI mAb (clone NG39) (x1mg) / Paired with MT-16NG09	D	
MT-25NGI1	Norovirus GI.1 recombinant P domain (x1mg)		
MT-25NGI3	Norovirus GI.3 recombinant P domain (x1mg)		
MT-30NGA	Norovirus GI.1 recombinant VLP (x1mg)		

2. Norovirus GII

MT-16NP23	Anti-Norovirus GII mAb (clone NP23) (x1mg) / Self Pairing!	C D	
MT-16NP124	Anti-Norovirus GII mAb (clone NP124) (x1mg) / Paired with MT-16NP142 & MT-16NP191	C D	
MT-16NP142	Anti-Norovirus GII mAb (clone NP142) (x1mg) / Paired with MT-16NP124 & MT-16NP191	D	
MT-16NP191	Anti-Norovirus GII mAb (clone NP191) (x1mg) / Paired with MT-16NP124 & MT-16NP142	C	
MT-25NGII4	Norovirus GII.4 recombinant P domain (x1mg)		
MT-25NGII10	Norovirus GII.10 recombinant P domain (x1mg)		
MT-25NGII17	Norovirus GII.17 recombinant P domain (x1mg)		
MT-30NPA	Norovirus GII.4 recombinant VLP (x1mg)		

• **Rotavirus**

MT-16R15	Anti-Rotavirus mAb (clone R15) (x1mg) / Self Pairing!	C D	
MT-25VP6	Rotavirus VP6 recombinant protein (x1mg)		

• **Entamoeba histolytica/dispar**

MT-16EH01	Anti-Entamoeba mAb (clone EH01) (x1mg) / Paired with MT-16EH11	D	
MT-16EH11	Anti-Entamoeba mAb (clone EH11) (x1mg) / Paired with MT-16EH01	C	
MT-16EH21	Anti-Entamoeba mAb (clone EH21) (x1mg) / Paired with MT-16EH01	C	
MT-25EHP	Entamoeba histolytica recombinant protein (x1mg)		
MT-25EDP	Entamoeba dispar recombinant protein (x1mg)		

• **Enterovirus**

MT-20EV	Anti-Enterovirus pAb (x1mg) / Self Pairing!	C D	
MT-25ETV18	Enterovirus Echo18 recombinant protein (x1mg)		
MT-25ETV70	Enterovirus EV70 recombinant protein (x1mg)		
MT-25ETV71	Enterovirus EV71 recombinant protein (x1mg)		
MT-25ETVA16	Enterovirus CoxA16 recombinant protein (x1mg)		
MT-25ETVA24	Enterovirus CoxA24 recombinant protein (x1mg)		
MT-25ETVB3	Enterovirus CoxB3 recombinant protein (x1mg)		

• **Salmonella**

1. **Salmonella paratyphi A**

MT-18SPA27	Anti-Salmonella paratyphi mAb (clone SPA27) (x1mg) / Self Pairing!	C D	
MT-28SPAU	Inactivated Salmonella paratyphi A antigen (native extract) (x1mL)		

2. **Salmonella typhi**

MT-18ST25	Anti-Salmonella typhi mAb (clone ST25) (x1mg) / Self Pairing!	C D	
MT-28STU	Inactivated Salmonella typhi antigen (native extract) (x1mL)		

3. **Salmonella paratyphi B and typhimurium**

MT-18SB2	Anti-Salmonella group B mAb (clone SB2) (x1mg) / Self Pairing!	C D	
MT-28STMU	Inactivated Salmonella typhimurium antigen (native extract) (x1mL)		
MT-28SPBU	Inactivated Salmonella paratyphi B antigen (native extract) (x1mL)		

4. **Salmonella enteritidis**

MT-18SE24	Anti-Salmonella enteritidis mAb (clone SE24) (x1mg) / Self Pairing!	C D	
MT-28SEU	Inactivated Salmonella enteritidis antigen (native extract) (x1mL)		

• **Yersinia enterocolitica**

MT-28YE3U	Inactivated Yersinia enterocolitica O:3 antigen (native extract) (x1mL)		
MT-28YE9U	Inactivated Yersinia enterocolitica O:9 antigen (native extract) (x1mL)		

• **Shigella**

MT-28SFU	Inactivated Shigella flexneri antigen (native extract) (x1mL)	
MT-28SSU	Inactivated Shigella sonnei antigen (native extract) (x1mL)	
MT-28SDU	Inactivated Shigella dysenteriae antigen (native extract) (x1mL)	
MT-28SBU	Inactivated Shigella boydii antigen (native extract) (x1mL)	

• **E. coli O157**

1. E. coli O157

MT-18E18	Anti-E. coli O157 mAb (clone E18) (x1mg) / Paired with MT-18E28	  
MT-18E28	Anti-E. coli O157 mAb (clone E28) (x1mg) / Paired with MT-18E18	  
MT-28EC7U	Inactivated E. coli O157 antigen (native extract) (x1mL)	

2. E. coli O157 Verotoxin 1

MT-25STX	E. coli O157 VT1 recombinant protein (x1mg)	
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3. E. coli O157 Verotoxin 2

MT-25VT2	E. coli O157 VT2 recombinant protein (x1mg)	
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• **Listeria**

MT-28LMU	Inactivated Listeria monocytogenes antigen (native extract) (x1mL)	
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/ Respiratory

Optimized molecular biology enzymes for qPCR applications (DNA Taq polymerase and Reverse Transcriptase) and anti-Taq DNA polymerase monoclonal antibodies (qPCR hot start system) for your qPCR assays.

• SARS-CoV-2

1. Monoclonal antibodies for SARS-CoV-2 detection (Nucleoprotein detection)

MT-16CV10	Anti SARS-CoV-2 mAb (clone CV10) (x1mg) / Paired with MT-16CV74	D	
MT-16CV74	Anti SARS-CoV-2 mAb (clone CV74) (x1mg) / Paired with MT-16CV10	C	

2. Monoclonal antibodies for SARS-CoV-2 detection (Spike protein & RBD detection)

MT-16SV53	Anti SARS-CoV-2 mAb (clone SV53) (x1mg) / Self Pairing!	C	D	
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All SARS-CoV-2 antigen
 variants available!



3. Antigens. Mammalian expression

MT-25C19S	SARS-CoV-2 recombinant Spike Glycoprotein (S) (full sequence) (x1mg)	
MT-25RBD	SARS-CoV-2 recombinant Receptor Binding Domain (RBD) (mammalian expression) (x1mg)	

4. Bacterial expression

MT-25C19NP	SARS-CoV-2 recombinant Nucleoprotein (N) (full sequence) (x1mg)	
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5. Antigens from other Coronavirus

MT-25SANP	SARS Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	
MT-25MENP	MERS Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	
MT-25229NP	229E Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	
MT-25OCNP	OC43 Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	
MT-25HKNP	HKU1 Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	
MT-25NLNP	NL63 Coronavirus recombinant Nucleoprotein (NP) (full sequence) (x1mg)	

• **Adenovirus**

MT-16A68	Anti-Adenovirus mAb (clone A68) (x1mg) / Paired with MT-16A93	C	
MT-16A93	Anti-Adenovirus mAb (clone A93) (x1mg) / Paired with MT-16A68 & MT-16A114	C	
MT-16A114	Anti-Adenovirus mAb (clone A114) (x1mg) / Self Pairing! / Paired with MT-16A93 & MT-16A115	C D	
MT-16A115	Anti-Adenovirus mAb (clone A115) (x1mg) / Paired with MT-16A114	D	
MT-25HEX	Adenovirus HEXON protein (x1mg)		
MT-29ADU	Inactivated Adenovirus antigen (native extract) (x1mL)		

• **Respiratory Syncytial Virus (RSV)**

MT-16RV11	Anti-RSV mAb (clone RV11) (x1mg) / Self Pairing! / Paired with MT-16RV12 & MT-16RV46	C D	
MT-16RV12	Anti-RSV mAb (clone RV12) (x1mg) / Paired with MT-16RV11 & MT-16RV49	C D	
MT-16RV46	Anti-RSV mAb (clone RV46) (x1mg) / Paired with MT-16RV11 & MT-16RV49	C D	
MT-16RV49	Anti-RSV mAb (clone RV49) (x1mg) / Paired with MT-16RV12 & MT-16RV46	C D	
MT-25RSV	RSV recombinant fusion protein (x1mg)		
MT-29RVV	Inactivated RSV antigen (native extract) (x1mL)		

• **Influenza**

1. Influenza A

MT-18Y77	Anti-Influenza A mAb (clone Y77) (x1mg) / Self Pairing!	C D	
MT-16IA57	Anti-Influenza A mAb (clone IA57) (x1mg) / Paired with MT-16IA61	C	
MT-16IA61	Anti-Influenza A mAb (clone IA61) (x1mg) / Paired with MT-16IA57	D	
MT-25FAN	Influenza A recombinant nucleoprotein (x1mg)		

2. Influenza B

MT-18YB91	Anti-Influenza B mAb (clone YB91) (x1mg) / Self Pairing!	C D	
MT-16IB17	Anti-Influenza B mAb (clone IB17) (x1mg) / Paired with MT-16IB59 & MT-16IB62	C	
MT-16IB59	Anti Influenza B mAb (clone IB59) (x1 mg) / Paired with MT-16IB17	D	
MT-16IB62	Anti Influenza B mAb (clone IB62) (x1 mg) / Paired with MT-16IB17	D	
MT-25FBN	Influenza B recombinant nucleoprotein (x1mg)		

• **Legionella pneumophila**

MT-18LN14	Anti-Legionella pneumophila mAb (clone LN14) (x1mg) / Paired with MT-18LN29	C D	
MT-18LN29	Anti-Legionella pneumophila mAb (clone LN29) (x1mg) / Paired with MT-18LN14	C D	
MT-28LNU	Inactivated Legionella pneumophila antigen (native extract) (x1mL)		

• **Strep A**

MT-20TSS	Anti-Strep A pAb (x1mg) / Self Pairing!	C D	
MT-28SAGU	Inactivated Strep A antigen (native extract) (x1mL)		

• **Human metapneumovirus**

1. Fusion protein

MT-25MPF	Human metapneumovirus (HMPV) recombinant fusion protein (x1mg)		
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2. Matrix protein

MT-16MM02	Anti-Matrix (HMPV) mAb (clone 02) (x1mg) / Paired with MT-16MM04 & MT-16MM05	C	
MT-16MM04	Anti-Matrix (HMPV) mAb (clone 04) (x1mg) / Paired with MT-16MM02	D	
MT-16MM05	Anti-Matrix (HMPV) mAb (clone 05) (x1mg) / Paired with MT-16MM02	D	
MT-25MPM	Human metapneumovirus (HMPV) recombinant matrix protein (x1mg)		

3. Nucleoprotein

MT-25MPN	Human metapneumovirus (HMPV) recombinant nucleoprotein (x1mg)		
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• **Streptococcus pneumoniae**

MT-18SN3	Anti-Streptococcus pneumoniae mAb (clone SN3) (x1mg) / Paired with MT-18SN4	C	
MT-18SN4	Anti-Streptococcus pneumoniae mAb (clone SN4) (x1mg) / Paired with MT-18SN3	D	
MT-28SPNU	Inactivated Streptococcus pneumoniae antigen (native extract) (x1mL)		

• **Mycoplasma pneumoniae**

MT-18MP33	Anti-Mycoplasma pneumoniae mAb (clone MP33) (x1 mg) / Paired with MT-18MP35 & MT-18MP36	C	
MT-18MP35	Anti-Mycoplasma pneumoniae mAb (clone MP35) (x1 mg) / Paired with MT-18MP33	D	
MT-18MP36	Anti-Mycoplasma pneumoniae mAb (clone MP36) (x1 mg) / Paired with MT-18MP33	D	
MT-25MPP	Mycoplasma pneumoniae recombinant protein (x1mg)		

• **Chlamydia pneumoniae**

MT-18CPN04	Anti-Chlamydia pneumoniae mAb (clone 04) (x1mg) / Paired with MT-18CPN06	C	D	
MT-18CPN06	Anti-Chlamydia pneumoniae mAb (clone 06) (x1mg) / Paired with MT-18CPN04	C	D	

ANTIMICROBIAL RESISTANCE

/ Carbapenemases

- OXA**

MT-16OX21	Anti-OXA48 mAb (clone 21) (x1mg) / Paired with MT-16OX23	C	
MT-16OX23	Anti-OXA48 mAb (clone 23) (x1mg) / Paired with MT-16OX21	D	
MT-25OXA	OXA-48 recombinant protein (x1mg)		
MT-25OXA23	OXA-23 recombinant protein (x1 mg)		
MT-25OXA143	OXA-143 recombinant protein (x1 mg)		
MT-25OXA163	OXA-163 recombinant protein (x1 mg)		

- KPC**

MT-16KP05	Anti-KPC mAb (clone 05) (x1mg) / Paired with MT-16KP43	D	
MT-16KP43	Anti-KPC mAb (clone 43) (x1mg) / Paired with MT-16KP05 & MT-16KP58	C	
MT-16KP58	Anti-KPC mAb (clone 58) (x1mg) / Paired with MT-16KP43	D	
MT-25KPC	KPC recombinant protein (x1mg)		

- NDM**

MT-16ND10	Anti-NDM mAb (clone 10) (x1mg) / Paired with MT-16ND71	C	
MT-16ND22	Anti-NDM mAb (clone 22) (x1mg) / Paired with MT-16ND24	C	
MT-16ND24	Anti-NDM mAb (clone 24) (x1mg) / Paired with MT-16ND22	D	
MT-16ND71	Anti-NDM mAb (clone 71) (x1mg) / Paired with MT-16ND10	D	
MT-25NDM	NDM recombinant protein (x1mg)		

- VIM**

MT-16VI20	Anti-VIM mAb (clone 20) (x1mg) / Paired with MT-16VI21	C	
MT-16VI21	Anti-VIM mAb (clone 21) (x1mg) / Paired with MT-16VI20 & MT-16VI32	D	
MT-16VI32	Anti-VIM mAb (clone 32) (x1mg) / Paired with MT-16VI21	C	
MT-25VIM	VIM recombinant protein (x1mg)		



• **IMP**

MT-16IM01	Anti-IMP mAb (clone 01) (x1mg) / Paired with MT-16IM31 & MT-16IM38	D 
MT-16IM31	Anti-IMP mAb (clone 31) (x1mg) / Paired with MT-16IM01, MT-16IM40 & MT-16IM48	C 
MT-16IM38	Anti-IMP mAb (clone 38) (x1mg) / Paired with MT-16IM01, MT-16IM40 & MT-16IM48	C 
MT-16IM40	Anti-IMP mAb (clone 40) (x1mg) / Paired with MT-16IM31 & MT-16IM38	D 
MT-16IM48	Anti-IMP mAb (clone 48) (x1mg) / Paired with MT-16IM38	D 
MT-25IMP	IMP-1 recombinant protein (x1 mg)	
MT-25IMP4	IMP-4 recombinant protein (x1 mg)	
MT-25IMP8	IMP-8 recombinant protein (x1 mg)	
MT-25IMP13	IMP-13 recombinant protein (x1 mg)	
MT-25IMP14	IMP-14 recombinant protein (x1 mg)	
MT-25IMP22	IMP-22 recombinant protein (x1 mg)	

/ **β-lactamases resistance**

• **CTX**

MT-16CTX26	Anti-CTX mAb (clone 26) (x1mg)	
MT-16CTX41	Anti-CTX mAb (clone 41) (x1mg)	
MT-25CTX2	Betalactamase CTX-M-2 recombinant protein (x1mg)	
MT-25CTX8	Betalactamase CTX-M-8 recombinant protein (x1mg)	
MT-25CTX14	Betalactamase CTX-M-14 recombinant protein (x1mg)	
MT-25CTX15	Betalactamase CTX-M-15 recombinant protein (x1mg)	
MT-25CTX25	Betalactamase CTX-M-25 recombinant protein (x1mg)	

/ **Colistin resistance**

• **MCR-1**

MT-16MCR01	Anti-MCR mAb (clone 01) (x1mg)	
MT-16MCR03	Anti-MCR mAb (clone 03) (x1mg)	
MT-16MCR10	Anti-MCR mAb (clone 10) (x1mg)	
MT-16MCR11	Anti-MCR mAb (clone 11) (x1mg)	
MT-25MCR1	MCR1 recombinant protein (x1 mg)	

TUMOR & INFLAMMATION MARKERS

Human Calprotectin

MT-16CP14	Anti-Calprotectin mAb (clone CP14) (x1mg) / Self Pairing!	C D	
MT-16CP39	Anti-Calprotectin mAb (clone CP39) (x1mg) / Self Pairing!	C D	
MT-16CP43	Anti-Calprotectin mAb (clone CP43) (x1mg) / Paired with MT-16CP71	D	
MT-16CP59	Anti-Calprotectin mAb (clone CP59) (x1mg) / Paired with MT-16CP71	D	
MT-16CP71	Anti-Calprotectin mAb (clone CP71) (x1mg) / Self Pairing! / Paired with MT-16CP43 & MT-16CP59	C D	
MT-25HCP	Human Calprotectin recombinant protein (x1mg)		
MT-25HCT	Human Calprotectin recombinant protein (x1mg)		

Human Pancreatic Elastase

MT-16EL01	Anti-Elastase mAb (clone EL01) (x1mg) / Paired with MT-16EL04, MT-16EL40 & MT-16EL41	C	
MT-16EL04	Anti-Elastase mAb (clone EL04) (x1mg) / Paired with MT-16EL01	D	
MT-16EL40	Anti-Elastase mAb (clone EL40) (x1mg) / Paired with MT-16EL01	D	
MT-16EL41	Anti-Elastase mAb (clone EL41) (x1mg) / Paired with MT-16EL01	D	
MT-20HEM	Anti-Elastase pAb (x1mg) / Self Pairing!	C D	
MT-25CELA3A	Human Elastase CELA3A recombinant protein (x1mg)		
MT-25CELA3B	Human Elastase CELA3B recombinant protein (x1mg)		

Human Haemoglobin (FOB)

MT-16F22	Anti-Haemoglobin mAb (clone F22) (x1mg) / Paired with MT-16F52	C	
MT-16F52	Anti-Haemoglobin mAb (clone F52) (x1mg) / Paired with MT-16F22	D	
MT-29HHB	Human Haemoglobin protein (native extract) (x1mg)		

Human Lactoferrin

MT-16LC20	Anti-Lactoferrin mAb (clone LC20) (x1mg) / Paired with MT-16LC37	D	
MT-16LC37	Anti-Lactoferrin mAb (clone LC37) (x1mg) / Paired with MT-16LC20	C	
MT-29HLF	Human Lactoferrin protein (native extract) (x1mg)		



Monoclonal Antibodies



Polyclonal Antibodies



Native Antigens Purified

• **Human Transferrin**

MT-16TF8	Anti-Transferrin mAb (clone TF8) (x1mg) / Paired with MT-16TF16	 
MT-16TF16	Anti-Transferrin mAb (clone TF16) (x1mg) / Paired with MT-16TF8	 
MT-29HTF	Human Transferrin protein (native extract) (x1mg)	

• **Alfa-1-antitrypsin**

MT-16A1A69	Anti-Alfa 1 antitrypsin mAb (clone A1A69) (x1mg)	
MT-16A1A72	Anti-Alfa 1 antitrypsin mAb (clone A1A72) (x1mg)	
MT-16A1A73	Anti-Alfa 1 antitrypsin mAb (clone A1A73) (x1mg)	
MT-16A1A78	Anti-Alfa 1 antitrypsin mAb (clone A1A78) (x1mg)	
MT-25A1A	Alfa-1-antitrypsin recombinant protein (x1mg)	

• **Human IL-6**

MT-16IL06	Anti-IL6 mAb (clone 06) (x1mg) / Paired with MT-16IL27 & MT-16IL29	  
MT-16IL27	Anti-IL6 mAb (clone 27) (x1mg) / Paired with MT-16IL06 & MT-16IL29	  
MT-16IL29	Anti-IL6 mAb (clone 29) (x1mg) / Paired with MT-16IL06 & MT-16IL27	  
MT-25IL6	Human IL-6 recombinant protein (x1mg)	

• **Human S100b**

MT-20HSBA	Anti-S100b pAb (affinity purified) (x1mg) / Self Pairing!	  
MT-20HSBM	Anti-S100b pAb (protein A purified) (x1mg) / Self Pairing!	  
MT-25HSB	Human S100b recombinant protein (x1mg)	

• **Human S100A12**

MT-16HS19	Anti-S100A12 mAb (clone HS19) (x1mg) / Paired with MT-16HS46	  
MT-16HS46	Anti-S100A12 mAb (clone HS46) (x1mg) / Paired with MT-16HS19	  
MT-20HSA	Anti-S100A12 pAb (affinity purified) (x1mg) / Self Pairing!	  
MT-20HSM	Anti-S100A12 pAb (protein A purified) (x1mg) / Self Pairing!	  
MT-25HSP	Human S100A12 recombinant protein (x1mg)	

• **Human S100A9 and S100A8**

MT-25HSA9	Human S100A9 recombinant protein (x1mg)	
MT-25HSA8	Human S100A8 recombinant protein (x1mg)	

OTHER MARKERS

Ferritin

MT-20FER	Anti-Ferritin pAb (x1 mg) / <i>Self Pairing!</i>	C D 
MT-25FER	Ferritin recombinant protein (x1 mg)	

Cardiac Troponin

MT-16TP19	Anti-Cardiac troponin mAb (clone TP19) (x1mg) / <i>Paired with MT-16TP87, MT-16TP96, MT-16TP98 & MT-16TP100</i>	C D 
MT-16TP87	Anti-Cardiac troponin mAb (clone TP87) (x1mg) / <i>Paired with MT-16TP19, MT-16TP96 & MT-16TP98</i>	C D 
MT-16TP95	Anti-Cardiac troponin mAb (clone TP95) (x1mg) / <i>Paired with MT-16TP96, MT-16TP97 & MT-16TP98</i>	C D 
MT-16TP96	Anti-Cardiac troponin mAb (clone TP96) (x1mg) / <i>Paired with MT-16TP19, MT-16TP87, MT-16TP95, MT-16TP98 & MT-16TP100</i>	C D 
MT-16TP97	Anti-Cardiac troponin mAb (clone TP97) (x1mg) / <i>Paired with MT-16TP95</i>	C D 
MT-16TP98	Anti-Cardiac troponin mAb (clone TP98) (x1mg) / <i>Paired with MT-16TP19, MT-16TP87, MT-16TP95 & MT-16TP96</i>	C D 
MT-16TP100	Anti-Cardiac troponin mAb (clone TP100) (x1mg) / <i>Paired with MT-16TP19 & MT-16TP96</i>	C D 
MT-25TPI	Cardiac troponin recombinant protein (x1 mg)	

C-reactive protein

MT-20CRP	Anti-C-Reactive Protein pAb (x1 mg) / <i>Self Pairing!</i>	C D 
MT-25CRP	CRP recombinant protein (x1 mg)	

Myoglobin

MT-16MG29	Anti-Myoglobin mAb (clone MG29) (x1 mg) / <i>Paired with MT-16MG31</i>	C D 
MT-16MG31	Anti-Myoglobin mAb (clone MG31) (x1 mg) / <i>Self Pairing!</i> <i>Paired with MT-16MG29 & MT-16MG32</i>	C D 
MT-16MG32	Anti-Myoglobin mAb (clone MG32) (x1 mg) / <i>Paired with MT-16MG31</i>	C D 
MT-25MYO	Myoglobin recombinant protein (x1 mg)	

Creatine Kinase

MT-25CKMB	Creatine kinase-MB recombinant protein (x1mg)	
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Capture



Detection



Monoclonal Antibodies



Polyclonal Antibodies



Recombinant Proteins

LYOPHILIZED POSITIVE CONTROLS



Ready to use.



Lyophilized and stable for 3 years.



- Vial **x50µg** for QC purposes
- Vial **x1µg** for being used as Positive Control in your IVD kits.

Lyophilized Positive Controls available for all these Pathogens & Markers



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RSV	Astrovirus	MCR-1
Adenovirus HEXON	Norovirus GI	OXA-48
SARS-CoV-2	Norovirus GII	KPC
SARS Coronavirus	Giardia intestinalis	NDM
MERS Coronavirus	Cryptosporidium parvum	VIM
229E Coronavirus	Clostridium difficile	IMP
OC43 Coronavirus	Salmonella typhi	Human Calprotectin
HKU1 Coronavirus	Salmonella paratyphi	Human Haemoglobin
NL63 Coronavirus	Listeria monocytogenes	Human Pancreatic Elastase
Influenza A	Enterovirus	Human Alfa-1 Antitrypsin
Influenza B	Entamoeba histolytica	Human Transferrin
Legionella pneumophila	Entamoeba dispar	Human IL-6
Streptococcus pneumoniae	Yersinia enterocolitica O:3	Human Lactoferrin
Mycoplasma pneumoniae	Yersinia enterocolitica O:9	Human Ferritin
Human Metapneumovirus	Shigella flexneri	Human Cardiac Troponin I
Campylobacter jejuni	Shigella sonnei	Human C-Reactive Protein
Campylobacter coli	Shigella dysenteriae	Human Myoglobin
H. pylori	Shigella boydii	Human Creatine kinase MB



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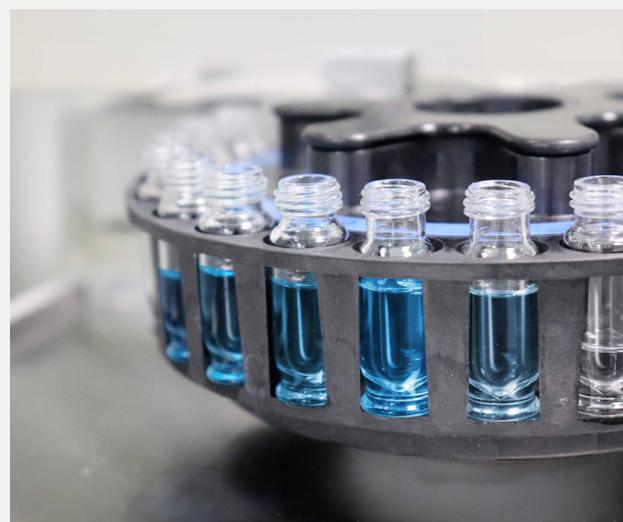
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Optimized molecular biology enzymes for qPCR applications (DNA Taq polymerase and Reverse Transcriptase) and anti-Taq DNA polymerase monoclonal antibodies (qPCR hot start system) for your qPCR assays.

/ Taq DNA polymerase

MT-25TAQ	Thermus aquaticus (Taq) polymerase Glycerol free (50.000 u)
MT-25TAQk	Thermus aquaticus (Taq) polymerase without 5'3' exonuclease activity Glycerol free (25.000 u)

/ Retrotranscriptase

MT-25RT2	Reverse Transcriptase (RT2) Glycerol free (250.000 u)
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/ Klenow Taq DNA

MT-25T4K	T4 DNA Polynucleotide Kinase
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/ Ligase

MT-25T4L	T4 DNA Ligase
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/ Anti-Taq DNA polymerase mAb

MT-16TQ01	Anti-TAQ polymerase mAb (clone TQ01) (x1mg)
MT-16TQ32	Anti-TAQ polymerase mAb (clone TQ32) (x1mg)

Lyophilized molecular biology enzymes kits also available

MT-E27RT	Kit Reverse Transcriptase (RT2), lyophilized (50.000 u)
MT-E27TAQ	Kit Thermus aquaticus (Taq) polymerase, lyophilized (5.000 u)
MT-E27TAQk	Kit Thermus aquaticus (Taq) polymerase without 5'-3' exonuclease activity, lyophilized (5.000 u)





MASTER MIX

Optimized real time qPCR Master mixes. Choose the most suitable Master mix, liquid or lyophilized for your DNA or RNA qPCR assays.

/ Liquid Master mix for DNA & RNA detection

MT-25MXD01	Liquid DNA Master Mix Hot Start (100 reactions)
MT-25MXR01	Liquid RNA Master Mix Hot Start (100 reactions)

/ Liquid Master mix to be lyophilized for DNA & RNA detection

MT-E25MXD02	Liquid DNA Master Mix Hot Start for lyophilization (200 reactions)
MT-E25MXR02	Liquid RNA Master Mix Hot Start for lyophilization (200 reactions)

/ Lyophilized Master mix for DNA & RNA detection (50 & 1000 reactions)

MT-E27MXD01	Lyophilized DNA Master Mix Hot Start (50 reactions)
MT-E27MXR01	Lyophilized RNA Master Mix Hot Start (50 reactions)



PRIMERS

Prevalent range of length is 12 mer up to 200 mer, purification method desalting or HPLC and any production scale could be provided.

We also provide single stranded RNA substituted in C2 by -H or -OMe. We synthesize oligonucleotides using high quality CPG support and amidites from world leading suppliers.

/ ssDNA unsubstituted

	Length	Purification Methods	Quantity (nmol)
OL-PRIMER	(12-50 mer)	Desalted / RP-HPLC	50 / 200 / 1000
OL-ULDNA	(50-200 mer)	RP-HPLC	50 / 200 / 1000

/ ssRNA substituted in C2

	Length	Purification Methods	Quantity (nmol)
OL-MRNA	(12-50 mer)	RP-HPLC	50 / 200 / 1000



dsDNA BLOCKS

Double stranded DNA, suitable as positive controls for your PCR assays. Products available in liquid & lyophilized format from 100 to 3000 pb. Choose the most suitable one for your RT-qPCR positive controls.

OL-DSDNA	Liquid dsDNA blocks	(100-3000 pb)
OL-DSDNA-L	Lyophilized dsDNA blocks	(100-3000 pb)



PROBES

Any quantity (nmol) : 50, 200, 1000... Purified by RP-HPLC.

Prevalent range of length: 12 mer up to 50 mer for probes.

/ Taqman monoquenched & doublequenched probes

Most common Dual-Labeled probes for qPCR. During PCR, the target-bound probe gets hydrolyzed by the enzyme activity realising the fluorophore (FAM, HEX, ROX, TxR and Cy5) and quencher (BHQ, Eclipse, etc).

	Modification 5'	Modification 3'
OL-PROBE	FAM / HEX	BHQ-1 / CBQX
	ROX / TxR / Cy5	BHQ-2 / CBQX2 / CBQx3

/ Biolocked Taqman probes (Locked Nucleid Acids probes)

These probes are usually used for mutant and wild type strains detection but it can be used for other applications. Their bases are substituted by locked nucleic acid bases which increases the Tm.

	Modification 5'	Modification 3'
OL-BLPROBE	FAM / HEX	BHQ-1 / CBX
	ROX / TxR / Cy5	BHQ-2 / CBQX2 / CBQX3

/ Taqman probes with MGB

These probes end with a polyamine that increases their Tm by binding to the DNA template. This enhances their specificity and allows them to be used in assays to discriminate between different strains of microorganisms.

	Modification 5'	Modification 3'
OL-MGBPROBE	FAM / HEX / ROX / TxR / Cy5	Eclipse / BHQ1



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available

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- Scorpion Probes

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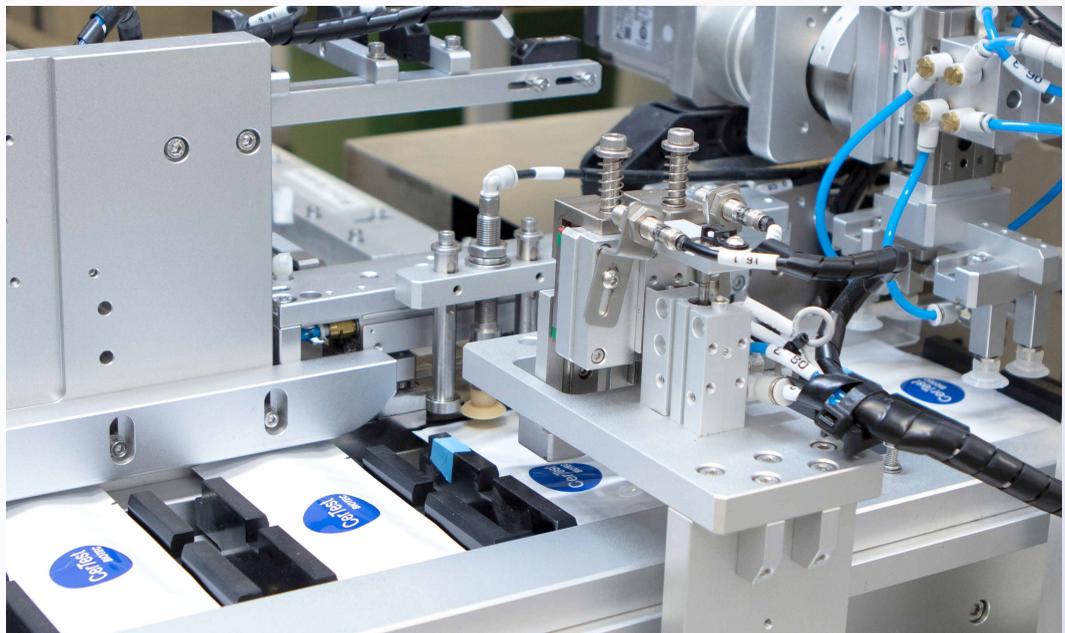
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CLIA qPCR NGS



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Certekia[®] Molecular Platform





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