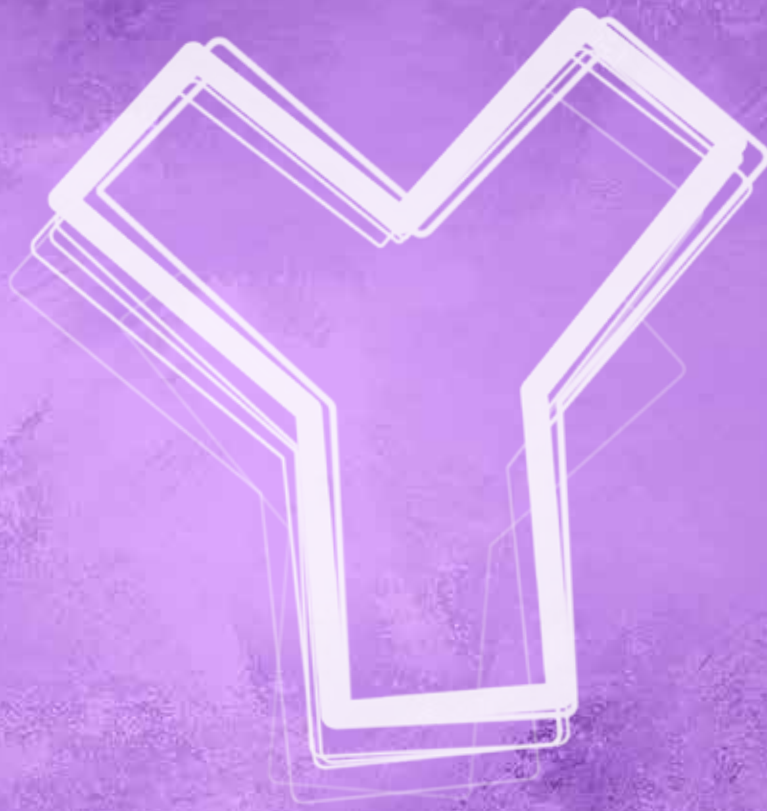


CerTest  
BIOTEC

CerTest bioSCIENCE



Raw materials for life science and immunoassays

Monoclonal antibodies · Native and recombinant antigens · Molecular biology enzymes

Specificity | Sensitivity | Stability

# CerTest bioSCIENCE

**CerTest Biotec, S.L.** is a company focused on the development and manufacturing of IVD products.

Specialized on a fecal and respiratory panel, since 2002,

**CerTest bioSCIENCE** provides more than **100 different products** for infectious diseases, tumor and inflammatory markers, and molecular biology.

**Monoclonal antibodies** with high sensitivity and specificity by using highly stable and pure immunogens and an in-house improved screening.

Liquid **recombinant proteins** with high purity and stability, through a process of cloning, expression, multi-step purification and buffer optimization.


**Native antigens** -inactivated- comprising a wide variety of bacteria and viruses.

**Molecular biology enzymes** with high specific activity and high stability, with and w/o glycerol. Suitable for qPCR and RT-qPCR.

## Features:

- **High standards of quality**
- **Dedicated R&D and manufacturing staff.**  
We support your specific needs
- **Large scale production.** From milligrams up to grams
- **Technical support.** Experienced and specialized team
- **Worldwide experience.** Accurate global deliveries

## Icons:

	_Monoclonal Antibodies
	_Polyclonal Antibodies
	_Recombinant Proteins
	_Native Antigens Purified
	_Native Antigens
	_VLPs
	_Virus
	_Molecular Biology Enzymes

**CerTest**  
BIOTEC

# Products classification

## **1. Antibodies & Antigens for detection**

Matched pairs and self-pairing antibodies designed and optimized for use in the manufacture of IVD tests (Lateral Flow, ELISA, Immunofluorescence, Turbidimetry...).

Specific antigens available for each antibody.

### **1.1 Infectious diseases**

Antibodies and antigens for Adenovirus, RSV, *H. pylori*, *Campylobacter*, Rotavirus, *Clostridium difficile* and other infectious diseases detection with the highest levels of specificity, sensitivity, purity and homogeneity.

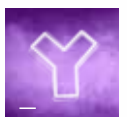
### **1.2 Tumor & Inflammatory markers**

Highly pure liquid antigens with high stability even at low concentrations. Suitable for use as calibrators and controls. Stabilizing buffers available for each antigen.

Specific and sensitive antibodies for Calprotectin, Haemoglobin, Lactoferrin and Transferrin detection.

## **2. Enzymes & Antibodies for molecular biology and PCR**



Taq polymerases and Reverse Transcriptases with high activity and thermal stability for use in qPCR and RT-qPCR tests and other molecular biology applications. Glycerol free enzymes suitable for lyophilization. Monoclonal antibodies for hot-start PCR.







# 1. Antibodies & Antigens

## 1.1 Infectious diseases







### 1. For Strep A detection

	MT-20TSS	Anti-Strep A pAb (x1mg)
	MT-28SAGU	Inactivated Strep A antigen (native extract) (x1mL)

### 2. For Respiratory Syncytial Virus (RSV) detection



	MT-16RV11	Anti-RSV mAb (clone RV11) (x1mg) <b>New!</b>
	MT-16RV12	Anti-RSV mAb (clone RV12) (x1mg) <b>New!</b>
	MT-25RSV	RSV recombinant fusion protein (x1mg)
	MT-29RVV	Inactivated RSV antigen (native extract) (x1mL)

### 3. For Adenovirus detection



	MT-16A68	Anti-Adenovirus mAb (clone A68) (x1mg) <b>New!</b>
	MT-16A93	Anti-Adenovirus mAb (clone A93) (x1mg) <b>New!</b>
	MT-16A114	Anti-Adenovirus mAb (clone A114) (x1mg) <b>New!</b>
	MT-16A115	Anti-Adenovirus mAb (clone A115) (x1mg) <b>New!</b>
	MT-25HEX	Adenovirus HEXON protein (x1mg)
	MT-29ADU	Inactivated Adenovirus antigen (native extract) (x1mL)

### 4. For Influenza detection




#### For Influenza A detection

	MT-18Y77	Anti-Influenza A mAb (clone Y77) (x1mg)
	MT-25FAN	Influenza A recombinant nucleoprotein (x1mg)

#### For Influenza B detection

	MT-18YB91	Anti-Influenza B mAb (clone YB91) (x1mg)
	MT-25FBN	Influenza B recombinant nucleoprotein (x1mg)

### 5. For Legionella pneumophila detection




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



# \_1. Antibodies & Antigens

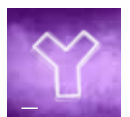
## 1.1 Infectious diseases

### 6. For *Streptococcus pneumoniae* detection

	MT-18SN3	Anti- <i>Streptococcus pneumoniae</i> mAb (clone SN3) (x1 mg)
	MT-18SN4	Anti- <i>Streptococcus pneumoniae</i> mAb (clone SN4) (x1 mg)
	MT-28SPNU	Inactivated <i>Streptococcus pneumoniae</i> antigen (native extract) (x1 mL)

### 7. For *Mycoplasma pneumoniae* detection







	MT-25MPP	<i>Mycoplasma pneumoniae</i> recombinant protein (x1 mg) <b>New!</b>
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# 1. Antibodies & Antigens

## 1.1 Infectious diseases



### 8. For *Campylobacter* detection

	MT-16CA29	Anti- <i>Campylobacter</i> mAb (clone CA29) (x1mg)
	MT-16CA30	Anti- <i>Campylobacter</i> mAb (clone CA30) (x1mg)
	MT-25CEP	<i>Campylobacter jejuni</i> recombinant outer membrane protein (x1mg)
	MT-25CCP	<i>Campylobacter coli</i> recombinant outer membrane protein (x1mg)
	MT-28CJU	Inactivated <i>Campylobacter jejuni</i> antigen (native extract) (x1mL)
	MT-28CCU	Inactivated <i>Campylobacter coli</i> antigen (native extract) (x1mL)




### 9. For *H. pylori* detection

	MT-16P2	Anti- <i>H.pylori</i> mAb (clone P2) (x1mg)
	MT-25PCH	<i>H. pylori</i> recombinant outer membrane protein (x1mg)
	MT-28PECU	Inactivated <i>H. pylori</i> antigen (native extract) (x1mL)





### 10. For *Rotavirus* detection

	MT-16R15	Anti- <i>Rotavirus</i> mAb (clone R15) (x1mg)
	MT-25VP6	<i>Rotavirus</i> VP6 recombinant protein (x1mg)






### 11. For *Astrovirus* detection

	MT-16AT74	Anti- <i>Astrovirus</i> mAb (clone AT74) (x1mg)	New!
	MT-16AT54	Anti- <i>Astrovirus</i> mAb (clone AT54) (x1mg)	New pair!
	MT-25AST	<i>Astrovirus</i> capsid recombinant protein (x1mg)	

### 12. For *Norovirus GI* detection

	MT-18NG28	Anti- <i>Norovirus GI</i> mAb (clone NG28) (x1mg)
	MT-31NGA	<i>Norovirus GI.1</i> recombinant VLP (x1mg)
	MT-25NGI1	<i>Norovirus GI.1</i> recombinant P domain (x1mg)
	MT-25NGI3	<i>Norovirus GI.3</i> recombinant P domain (x1mg)

### 13. For *Norovirus GII* detection

	MT-16NP23	Anti- <i>Norovirus GII</i> mAb (clone NP23) (x1mg)	New!
	MT-31NPA	<i>Norovirus GII.4</i> recombinant VLP (x1mg)	
	MT-25NGI4	<i>Norovirus GII.4</i> recombinant P domain (x1mg)	
	MT-25NGI10	<i>Norovirus GII.10</i> recombinant P domain (x1mg)	
	MT-25NGI17	<i>Norovirus GII.17</i> recombinant P domain (x1mg)	



\_Native Antigens |



\_Monoclonal Antibodies |



\_Recombinant Proteins |






\_VLPs

# 1. Antibodies & Antigens




## 1.1 Infectious diseases

### 14. For *Giardia intestinalis* detection

#### For *Giardia intestinalis* trophozoite detection



	MT-16G18	Anti-Giardia mAb trophozoite protein (clone G18) (x1mg)
	MT-16G22	Anti-Giardia mAb trophozoite protein (clone G22) (x1mg)
	MT-25A1G	Giardia intestinalis trophozoite recombinant protein (x1mg)

#### For *Giardia intestinalis* cyst detection





	MT-16GR7	Anti-Giardia mAb cyst protein (clone GR7) (x1mg)	<b>New!</b>
	MT-16GR16	Anti-Giardia mAb cyst protein (clone GR16) (x1mg)	<b>New!</b>
	MT-25GCP	Giardia intestinalis cyst recombinant protein (x1mg)	

### 15. For *Clostridium difficile* detection






#### For *Clostridium difficile* (GDH) detection

	MT-16GD10	Anti-GDH Mab (clone GD10) (x1mg)
	MT-25GDH	Clostridium difficile GDH recombinant protein (x1mg)

#### For *Clostridium difficile* Toxin A detection

	MT-16TA35	Anti-CD Toxin A mAb (clone TA35) (x1mg)	<b>New!</b>
	MT-16TA38	Anti-CD Toxin A mAb (clone TA38) (x1mg)	<b>New!</b>
	MT-16TA22	Anti-CD Toxin A mAb (clone TA22) (x1mg)	<b>New!</b>
	MT-24TXA	C. difficile Toxin A recombinant protein (x1mg) (fragment without toxic activity)	

#### For *Clostridium difficile* Toxin B detection



	MT-16TB75	Anti-CD Toxin B mAb (clone TB75) (x1mg)	<b>New!</b>
	MT-18TB41	Anti-CD Toxin B mAb (clone TB41) (x1mg)	<b>New pair!</b>
	MT-16TB7	Anti-CD Toxin B mAb (clone TB7) (x1mg)	
	MT-16TB8	Anti-CD Toxin B mAb (clone TB8) (x1mg)	
	MT-24TXB	C. difficile Toxin B recombinant protein (x1mg) (fragment without toxic activity)	



# 1. Antibodies & Antigens



## 1.1 Infectious diseases

### 16. For *Cryptosporidium parvum* detection



	MT-16CR23	Anti-Crypto mAb (clone CR23) (x1mg)	<b>New!</b>
	MT-29KOE	Inactivated <i>Cryptosporidium parvum</i> antigen (native extract) (x1mL)	

### 17. For *Salmonella* detection




#### For *Salmonella paratyphi A* detection

	MT-18SPA27	Anti- <i>Salmonella paratyphi</i> mAb (clone SPA27) (x1mg)	
	MT-28SPAU	Inactivated <i>Salmonella paratyphi A</i> antigen (native extract) (x1mL)	



#### For *Salmonella typhi* detection

	MT-18ST25	Anti- <i>Salmonella typhi</i> mAb (clone ST25) (x1mg)	
	MT-28STU	Inactivated <i>Salmonella typhi</i> antigen (native extract) (x1mL)	








#### For *Salmonella paratyphi B* and *typhimurium* detection

	MT-18SB2	Anti- <i>Salmonella</i> group B mAb (clone SB2) (x1mg)	
	MT-28STMU	Inactivated <i>Salmonella typhimurium</i> antigen (native extract) (x1mL)	
	MT-28SPBU	Inactivated <i>Salmonella paratyphi B</i> antigen (native extract) (x1mL)	

#### For *Salmonella enteritidis* detection

	MT-18SE24	Anti- <i>Salmonella enteritidis</i> mAb (clone SE24) (x1mg)	
	MT-28SEU	Inactivated <i>Salmonella enteritidis</i> antigen (native extract) (x1mL)	

### 18. For *Enterovirus* detection

	MT-20EV	Anti-Enterovirus pAb (x1mg)	<b>New!</b>
	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)	



\_Polyclonal Antibodies |



\_Monoclonal Antibodies |



\_Recombinant Proteins |








\_Native antigens




# 1. Antibodies & Antigens

## 1.1 Infectious diseases



### 19. For *Entamoeba histolytica/dispar* detection

	MT-16EH01	Anti- <i>Entamoeba</i> mAb (clone EH01) (x1mg)	<b>New!</b>
	MT-16EH11	Anti- <i>Entamoeba</i> mAb (clone EH11) (x1mg)	<b>New!</b>
	MT-16EH21	Anti- <i>Entamoeba</i> mAb (clone EH21) (x1mg)	<b>New!</b>
	MT-25EHP	<i>Entamoeba histolytica</i> recombinant protein (x1mg)	
	MT-25EDP	<i>Entamoeba dispar</i> recombinant protein (x1mg)	





### 20. For *Listeria* detection

	MT-28LMU	Inactivated <i>Listeria monocytogenes</i> antigen (native extract) (x1mL)	
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### 21. For *Yersinia enterocolitica* detection




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

### 22. For *Shigella* detection



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

### 23. For *E. coli* O157 detection




#### For *E. coli* O157 detection

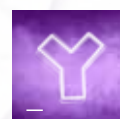
	MT-18E18	Anti- <i>E. coli</i> O157 mAb (clone E18) (x1mg)	
	MT-18E28	Anti- <i>E. coli</i> O157 mAb (clone E28) (x1mg)	
	MT-28EC7U	Inactivated <i>E. coli</i> O157 antigen (native extract) (x1mL)	

#### For *E. coli* O157 Verotoxin 1 detection

	MT-18STX13	Anti- <i>E. coli</i> O157 Verotoxin 1 mAb (clone STX13) (x1mg)	
	MT-25STX	<i>E. coli</i> O157 VT1 recombinant protein (x1mg)	

#### For *E. coli* O157 Verotoxin 2 detection

	MT-18VT24	Anti- <i>E. coli</i> O157 Verotoxin 2 mAb (clone VT24) (x1mg)	
	MT-18VT25	Anti- <i>E. coli</i> O157 Verotoxin 2 mAb (clone VT25) (x1mg)	
	MT-25VT2	<i>E. coli</i> O157 VT2 recombinant protein (x1mg)	



# 1. Antibodies & Antigens



## 1.2 Tumor & Inflammatory markers

### 1. For human Calprotectin and other S100 proteins detection




#### For human Calprotectin detection

	MT-16CP14	Anti-Calprotectin mAb (clone CP14) (x1mg)
	MT-25HCP	Human Calprotectin recombinant protein (x1mg)




#### For human S100A9 and S100A8 detection

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




#### For human S100A12 detection

	MT-20HSA	Anti-S100A12 pAb (affinity purified) (x1mg)	<b>New!</b>
	MT-20HSM	Anti-S100A12 pAb (protein A purified) (x1mg)	<b>New!</b>
	MT-25HSP2	Human S100A12 recombinant protein (x1mg)	<b>New!</b>




#### For human S100b detection

	MT-20 HSBA	Anti-S100b pAb (affinity purified) (x1mg)	<b>New!</b>
	MT-20HSBM	Anti-S100b pAb (protein A purified) (x1mg)	<b>New!</b>
	MT-25HSB	Human S100b recombinant protein (x1mg)	<b>New!</b>




### 2. For human Haemoglobin (FOB) detection

	MT-16F22	Anti-Haemoglobin mAb (clone F22) (x1mg)
	MT-16F52	Anti-Haemoglobin mAb (clone F52) (x1mg)
	MT-29HHB	Human Haemoglobin protein (native extract) (x1mg)

### 3. For human Lactoferrin detection

	MT-16LC20	Anti-Lactoferrin mAb (clone LC20) (x1mg)
	MT-16LC37	Anti-Lactoferrin mAb (clone LC37) (x1mg)
	MT-29HLF	Human Lactoferrin protein (native extract) (x1mg)

### 4. For human Transferrin detection

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



\_Polyclonal Antibodies |



\_Monoclonal Antibodies |



\_Recombinant Proteins |







\_Native Antigens Purified

# 1. Antibodies & Antigens

## 1.2 Tumor & Inflammatory markers

### 5. For human pancreatic Elastases detection

	MT-20HEA	Anti-Elastases pAb (affinity purified) (x1 mg)	<b>New!</b>
	MT-20HEM	Anti-Elastases pAb (protein A purified) (x1 mg)	<b>New!</b>
	MT-25CELA3A	Human Elastase CELA3A recombinant protein (x1 mg)	<b>New!</b>
	MT-25CELA3B	Human Elastase CELA3B recombinant protein (x1 mg)	<b>New!</b>

Coming soon:

**Monoclonal Antibodies for pancreatic Elastases detection**



### 6. For human IL-6 detection

	MT-25IL6	Human IL-6 recombinant protein (x1 mg)	<b>New!</b>
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## 2. Enzymes & Antibodies

### for molecular biology and PCR

#### 1. Reverse Transcriptases, Glycerol free

	MT-E25RT1	Kit Reverse Transcriptase (RT1) Glycerol free (x100.000u)
	MT-E25RT2	Kit Reverse Transcriptase (RT2) Glycerol free (x100.000u)

#### 2. Reverse Transcriptases, with Glycerol

	MT-E25RT1G	Kit Reverse Transcriptase (RT1) with Glycerol (x100.000u)
	MT-E25RT2G	Kit Reverse Transcriptase (RT2) with Glycerol (x100.000u)


#### 3. DNA Polymerases, Glycerol free

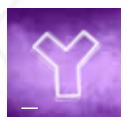
	MT-E25TAQ	Kit Thermus aquaticus (Taq) polymerase Glycerol free (x10.000u)
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#### 4. DNA Polymerases, with Glycerol

	MT-E25TAQG	Kit Thermus aquaticus (Taq) polymerase with Glycerol (x10.000u)
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#### 5. Hot-start PCR antibodies

	MT-16TQ01	Anti-TAQ polymerase mAb (clone TQ01) (x1 mg)
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**Know How.**

In vitro production



**Storage:**

- Frozen (-20°C)
- Refrigerated (2 - 8°C)



**Deliveries.**

Global service



**Specific monoclonal screening:**

- Fast
- Powerful
- Specific

**CerTest bioSCIENCE**

**CerTest**  
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*One step ahead*

**CerTest Biotec, S.L.**

Pol. Industrial Río Gállego II · Calle J, N°1  
50840, San Mateo de Gállego, Zaragoza (Spain)

Tel.: (+34) 976 520 354

Fax.: (+34) 976 106 268

certest@certest.es

[www.certest.es](http://www.certest.es)



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