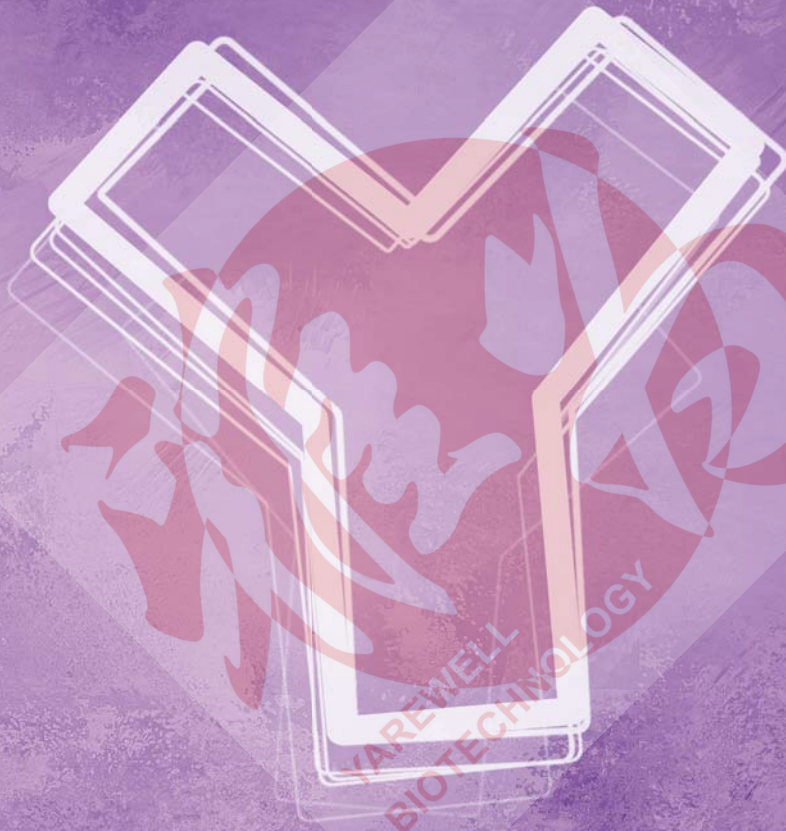


CerTest  
BIOTEC

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

# 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-16A27	Anti-Adenovirus Mab (clone A27) (x1mg) <b>New!</b>
	MT-25HEX	Adenovirus HEXON protein (x1mg)
	MT-29ADU	Inactivated Adenovirus antigen (native extract) (x1mL) <b>New!</b>

### 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)



### 6. For Streptococcus pneumoniae detection

	MT-18SN3	Anti-Streptococcus pneumoniae Mab (clone SN3) (x1mg)
	MT-18SN4	Anti-Streptococcus pneumoniae Mab (clone SN4) (x1mg)
	MT-28SPNU	Inactivated Streptococcus pneumoniae antigen (native extract) (x1mL)




# 1. Antibodies & Antigens

## 1.1 Infectious diseases





### 7. For Rotavirus detection

	MT-16R15	Anti-Rotavirus Mab (clone R15) (x1mg)
	MT-25VP6	Rotavirus VP6 recombinant protein (x1mg)






### 8. For Astrovirus detection

	MT-16AT54	Anti-Astrovirus Mab (clone AT54) (x1mg)
	MT-16AT58	Anti-Astrovirus Mab (clone AT58) (x1mg)
	MT-25AST	Astrovirus capsid recombinant protein (x1mg)








### 9. For Norovirus GI detection

	MT-18NG28	Anti-Norovirus GI Mab (clone NG28) (x1mg)
	MT-31NGA	Norovirus GI.1 recombinant VLP (x1mg)
	MT-25NGI1	Norovirus GI.1 recombinant P domain (x1mg)
	MT-25NGI3	Norovirus GI.3 recombinant P domain (x1mg)




### 10. For Norovirus GII detection

	MT-16NP23	Anti-Norovirus GII Mab (clone NP23) (x1mg)	New!
	MT-31NPA	Norovirus GII.4 recombinant VLP (x1mg)	
	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)	

### 11. For Enterovirus detection

	MT-20EV	Anti-Enterovirus Pab (x1mg)	New!
	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)	

### 12. For H. pylori detection

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





# 1. Antibodies & Antigens





## 1.1 Infectious diseases

### 13. For *Clostridium difficile* detection




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

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

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



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

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



	MT-16TB7	Anti-CD Toxin B Mab (clone TB7) (x1mg)
	MT-16TB8	Anti-CD Toxin B Mab (clone TB8) (x1mg)
	MT-24TXB	<i>C. difficile</i> Toxin B recombinant protein (x1mg) (fragment without toxic activity)

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




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

	MT-18E10	Anti- <i>E. coli</i> O157 Mab (clone E10) (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)



\_Monoclonal Antibodies |



\_Recombinant Proteins |





\_Native antigens

# \_1. Antibodies & Antigens



## 1.1 Infectious diseases

### 15. For *Salmonella* detection




#### *For Salmonella paratyphi A detection*

	MT-18SPA27	Anti-Salmonella paratyphi Mab (clone SPA27) (x1mg)
	MT-28SPAU	Inactivated Salmonella paratyphi A antigen (native extract) (x1mL)



#### *For Salmonella typhi detection*

	MT-18ST25	Anti-Salmonella typhi Mab (clone ST25) (x1mg)
	MT-28STU	Inactivated Salmonella typhi antigen (native extract) (x1mL)







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

	MT-18SB2	Anti-Salmonella group B Mab (clone SB2) (x1mg)
	MT-28STMU	Inactivated Salmonella typhimurium antigen (native extract) (x1mL)
	MT-28SPBU	Inactivated Salmonella paratyphi B antigen (native extract) (x1mL)



#### *For Salmonella enteritidis detection*

	MT-18SE24	Anti-Salmonella enteritidis Mab (clone SE24) (x1mg)
	MT-28SEU	Inactivated Salmonella enteritidis antigen (native extract) (x1mL)

### 16. For *Campylobacter* detection

	MT-16CA29	Anti-Campylobacter Mab (clone CA29) (x1mg)
	MT-16CA30	Anti-Campylobacter Mab (clone CA30) (x1mg)
	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)

### 17. For *Cryptosporidium parvum* detection

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






# 1. Antibodies & Antigens




## 1.1 Infectious diseases

### 18. 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	<i>Giardia intestinalis</i> trophozoite recombinant protein (x1mg)

#### For *Giardia intestinalis* cyst detection

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



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

	MT-16EH01	Anti- <i>Entamoeba</i> Mab (clone EH01) (x1mg)	New!
	MT-16EH11	Anti- <i>Entamoeba</i> Mab (clone EH11) (x1mg)	New!
	MT-16EH21	Anti- <i>Entamoeba</i> Mab (clone EH21) (x1mg)	New!
	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)



\_Monoclonal Antibodies |



\_Recombinant Proteins |



\_Native antigens





# 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 SA100A12 recombinant protein (x1mg) <b>New!</b>    |




#### For human S100b detection

- |   |          |  |
|---|----------|--|
|  | 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) <b>New!</b> |
|  | MT-16LC37 | Anti-Lactoferrin Mab (clone LC37) (x1mg) <b>New!</b> |
|  | 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) |



# \_1. Antibodies & Antigens

## 1.2 Tumor & Inflammatory markers

### 5. For human Elastases detection



MT-20HEA

Anti-Elastases Pab (affinity purified) (x1mg)

New!



MT-20HEM

Anti-Elastases Pab (protein A purified) (x1mg)

New!



MT-25CELA3A

Human Elastase CELA3A recombinant protein (x1mg)

New!



MT-25CELA3B

Human Elastase CELA3B recombinant protein (x1mg)

New!

### 6. For human IL-6 detection



MT-25IL6

Human IL-6 recombinant protein (x1mg)

New!



\_Polyclonal Antibodies |



\_Recombinant Proteins

## 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)

#### 4. DNA Polymerases, with Glycerol



MT-E25TAQG Kit Thermus aquaticus (Taq) polymerase with Glycerol (x10.000u)

#### 5. Hot-start PCR antibodies



MT-16TQ01 Anti-TAQ polymerase Mab (clone TQ01) (x1mg)

Our expertise is to develop  
accurate and reliable products  
to improve your diagnostic assays.



\_Molecular Biology Enzymes |



\_Monoclonal Antibody





#### Know How.

In vitro production



#### Storage:

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



#### Deliveries.

Global service



#### Specific monoclonal screening:

- Fast
- Powerful
- Specific



**CerTest bioSCIENCE**

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*One step ahead*

**CerTest Biotec, S.L.**

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