

# IMMUNO-TROL

NEW  
IMMUNO-TROL NEG

## For assay validation

A complete range of ready to use, internal auto-immune Quality Control sera, multiparametric, compatible with several techniques (multiplex FIDIS™, ELISA, DOT, ...) and CE marked



CONNECTIVITIS



AUTOIMMUNE  
THYROIDITIS




RHEUMATOID  
ARTHRITIS



ANTI-  
PHOSPHOLIPIDS  
SYNDROME



VASCULITIS



INFLAMMATORY  
BOWEL  
DISEASE (IBD)



CELIAC  
DISEASE



PERNICIOUS  
ANEMIA



DIABETES  
MELLITUS TYPE 1



AUTOIMMUNE  
LIVER DISEASES

IMMUNO-TROL sera are multiparametric Internal Quality Controls (IQC) for the routine validation of Autoimmune antibody assay techniques including FIDIS™ (xMAP® technology), ELISA and DOT.

## Assigned ranges

- Liquid control, ready to use
- Standardised controls
- Identical use and reactivity as patients samples

## Convenient

- Universal multi-parametric controls
- Stable material suitable for intra and inter assay validation

## Advantages

- Monitor potential drift of analytical systems
- Quality assurance for assay validation

IMMUNO-TROL	dsDNA	SS-A 60 Kda	TRIM 21 [SS-A 52 Kda]	SS-B	Sm	Sm/RNP	U1-RNP	Scl-70	Centromere protein B	Jo-1	Ribosomal proteins	Cardiolipin IgG	β2 GPI IgG	Prothrombin IgG	Phospholipids IgG	Cardiolipin IgM	β2 GPI IgM	Prothrombin IgM	Phospholipids IgM	Animal and human RF IgM	CCP IgG	TPO	TG	R-TSH	Mitochondria	MPO	PR3	GBM	PCA	IF	Transglutaminase IgG	Gliadin IgG	Deamidated Gliadin IgG	Transglutaminase IgA	Gliadin IgA	Deamidated Gliadin IgA	ASCA IgA	ASCA IgG	GAD	IA-2	ZnT8				
CONNECTIVE 1	HM060	■	■	■	■	■	■																																						
CONNECTIVE 2	HM061	■						■	■	■	■																																		
APS IgG	HM062											■	■	■	■																														
APS IgM	HM063															■	■	■	■																										
RHEUMA	HM064																			■	■																								
THYRO	HM065																				■	■	■																						
CYTO	HM066										■											■	■	■																					
VASCULITIS	HM067																						■	■	■																				
GASTRITIS	HM068																										■	■																	
CELIAC G	HM069																												■	■															
CELIAC A	HM070																																												
ASCA	HM071																																												
DIABETES	HM072																																												

Reference      Designation      Parameters      Packaging

## IMMUNO-TROL

### Multiparametric Internal Autoimmune Quality Controls

Reference	Designation	Parameters	Packaging
HM 059-2X1	IMMUNO-TROL NEG	Auto-immune negative Internal Quality Control	2 x 1 mL
HM 060-5	IMMUNO-TROL CONNECTIVE 1	dsDNA, SS-A 60kDa, TRIM 21, SS-B, Sm, Sm/RNP & U1-RNP	5 x 0.5 mL
HM 061-5	IMMUNO-TROL CONNECTIVE 2	dsDNA, Scl-70, Centromere protein B, Jo-1 & Ribosomal proteins	5 x 0.5 mL
HM 062-5	IMMUNO-TROL APS IgG	Cardiolipin IgG, β2 GPI IgG, Prothrombin IgG & Phospholipids IgG	5 x 0.5 mL
HM 063-5	IMMUNO-TROL APS IgM	Cardiolipin IgM, β2 GPI IgM, Prothrombin IgM & Phospholipids IgM	5 x 0.5 mL
HM 064-5	IMMUNO-TROL RHEUMA	Animal and Human RF IgM & CCP IgG	5 x 0.5 mL
HM 065-5	IMMUNO-TROL THYRO	TPO, TG & R-TSH	5 x 0.5 mL
HM 066-5	IMMUNO-TROL CYTO	Ribosomal proteins, Mitochondria	5 x 0.5 mL
HM 067-5	IMMUNO-TROL VASCULITIS	MPO, PR3 & GBM	5 x 0.5 mL
HM 068-5	IMMUNO-TROL GASTRITIS	PCA & IF	5 x 0.5 mL
HM 069-5	IMMUNO-TROL CELIAC G	Transglutaminase IgG, Gliadin IgG & Deamidated Gliadin IgG	5 x 0.5 mL
HM 070-5	IMMUNO-TROL CELIAC A	Transglutaminase IgA, Gliadin IgA & Deamidated Gliadin IgA	5 x 0.5 mL
HM 071-2X05	IMMUNO-TROL ASCA	Anti-Saccharomyces Cerevisiae Antibodies IgA & IgG	2 x 0.5 mL
HM 072-2X1	IMMUNO-TROL DIABETES	GAD, IA-2 & ZnT8	2 x 1 mL

Read carefully the instruction for use of the product insert