

Data sheet Human IFN- γ ELISA antibody pair 10-plate and 20-plate format

Contents

| Items | Cat. no. CT740-10 (10-plate format) | Cat. no. CT740-20 (20-plate format) | Storage conditions |
|---------------------------------|--|--|---------------------------|
| Coating antibody | 2 vials | 4 vials | 4 °C |
| Biotinylated detection antibody | 2 vials | 4 vials | 4 °C |
| Standards | 5 vials | 10 vials | 4 °C |
| SPP conjugate | 2 vials | 4 vials | ≤ -20 °C in the dark |

Please read our ELISA antibody pair Technical Data Sheet for further guidelines and procedures.

Coating antibody

Product: Monoclonal antibody to human interferon gamma (IFN- γ)
 Isotype: Mouse IgG₁
 Production: *In vitro* using serum free medium
 Purification: DEAE ion exchange chromatography
 Buffer: Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

Biotinylated detection antibody

Product: Biotinylated polyclonal antibody to human interferon gamma (IFN- γ)
 Isotype: Rabbit IgG
 Purification: Ammonium sulphate precipitation, protein A- and ligand-affinity chromatography
 Labeling: With Biotin-7-NHS (N-hydroxysuccinimide)
 Buffer: Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose

Standards

Product: Recombinant human interferon gamma (IFN- γ)

SPP conjugate

Product: SPP conjugate (Streptavidin-HRP)
 Application: This product should be used in combination with TMB substrate.

General

Sensitivity: 2 pg/ml
 Specificity: Validated for detecting natural and recombinant human IFN- γ
 Sterility: Membrane filtered (0.2 μ m)
 Content: Lyophilized
 References: Bobosha K *et al.* (2014). PLoS Negl Trop Dis 8: e2845.
 Geluk A *et al.* (2012). J Immunol 188: 4782-4791.
 Iyer AM *et al.* (2007). Hum Pathol 38: 1065-1073.

More references can be found at www.ucytech.com/references.