

Data sheet Human GM-CSF ELISA antibody pair 10-plate and 20-plate format

Contents

Items	Cat. no. CT739-10 (10-plate format)	Cat. no. CT739-20 (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 granulocyte-macrophage colony stimulating factor (GM-CSF)
 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 monoclonal antibody to human granulocyte-macrophage colony stimulating factor (GM-CSF)
 Isotype: Rat IgG_{2a}
 Production: *In vitro* using serum free medium
 Purification: Protein G-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 granulocyte-macrophage colony stimulating factor (GM-CSF)

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 GM-CSF
 Sterility: Membrane filtered (0.2 µm)
 Content: Lyophilized
 References: Duan ZL *et al.* (2007). Invest Ophthalmol Vis Sci 48: 277-84.

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