

## 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 IgG<sub>1</sub>  
**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<sub>2a</sub>  
**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](http://www.ucytech.com/references).