

**Data sheet    Mouse IL-4 ELISA antibody pair**  
10-plate and 20-plate format

**Contents**

Items	Cat. no. CT757-10 (10-plate format)	Cat. no. CT757-20 (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 guidelines and procedures.

**Coating antibody**

Product            Monoclonal antibody to mouse interleukin 4 (IL-4)  
Isotype            Rat IgG<sub>1</sub>  
Production        *In vitro* using serum free medium  
Purification       Ammonium sulphate precipitation, protein A- and ligand-affinity chromatography  
Buffer              Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

**Biotinylated detection antibody**

Product            Biotinylated monoclonal antibody to mouse interleukin 4 (IL-4)  
Isotype            Rat IgG<sub>1</sub>  
Production        *In vitro* using serum free medium  
Purification       Protein G-affinity chromatography  
Labeling           With biotin (biotinamidohexanoic acid N-hydroxysuccinimide ester)  
Buffer              Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose

**Standards**

Product            Recombinant mouse interleukin 4 (IL-4)

**SPP conjugate**

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

**General**

Sensitivity        4 pg/ml  
Specificity        Validated for detecting natural and recombinant mouse IL-4  
Sterility           Membrane filtered (0.2 µm)  
Content            Lyophilized

References can be found in the Reference Database at [www.ucytech.com/references](http://www.ucytech.com/references).

