

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 further guidelines and procedures.

Coating antibody

Product: Monoclonal antibody to mouse interleukin 4 (IL-4)
 Isotype: Rat IgG₁
 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 IgG₁
 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 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: Ma WJ *et al.* (2012). *Vaccine* 30: 1437-44.
 Zhao Y *et al.* (2013). *Vet Parasitol* 194: 211-6.

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