

## Data sheet Mouse TNF- $\alpha$ ELISA antibody pair 10-plate and 20-plate format

### Contents

Items	Cat. no. CT761-10 (10-plate format)	Cat. no. CT761-20 (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	$\leq -20$ °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 tumor necrosis factor alpha (TNF- $\alpha$ )  
 Isotype: Hamster IgG  
 Production: *In vitro* using serum free medium  
 Purification: Ammonium sulphate precipitation and DEAE ion-exchange chromatography  
 Buffer: Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

### Biotinylated detection antibody

Product: Biotinylated polyclonal antibody to mouse tumor necrosis factor alpha (TNF- $\alpha$ )  
 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 mouse tumor necrosis factor alpha (TNF- $\alpha$ )

### 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 mouse TNF- $\alpha$   
 Sterility: Membrane filtered (0.2  $\mu$ m)  
 Content: Lyophilized  
 References: Ghotloo S *et al.* (2015). Parasitol Int 64: 219-21.  
 Hoseini MH *et al.* (2016). Parasitol Int 65: 99-104.  
 Kavelaars A *et al.* (2005). J Neuroimmunol 161: 162-8.

More references can be found at [www.ucytech.com/references](http://www.ucytech.com/references).