

## Data sheet Human IL-1B ELISA antibody pair

### 10-plate and 20-plate format

#### Contents

Items	Cat. no. CT576-10 (10-plate format)	Cat. no. CT576-20 (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 interleukin 1 beta (IL-1B)  
 Isotype: Mouse IgG<sub>1</sub>  
 Production: *In vitro* using serum free medium  
 Purification: Ion exchange chromatography  
 Buffer: Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

#### Biotinylated detection antibody

Product: Biotinylated monoclonal antibody to human interleukin 1 beta (IL-1B)  
 Isotype: Mouse IgG<sub>1</sub>  
 Production: *In vitro* using serum free medium  
 Purification: Ion exchange 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 interleukin 1 beta (IL-1B)

#### 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 IL-1B  
 Sterility: Membrane filtered (0.2 µm)  
 Content: Lyophilized  
 References: Jagessar AS *et al.* (2010). J Neuropathol Exp Neurol 2010 69: 372-85.  
 Rahimi HR *et al.* (2013). Microbiol Immunol 57: 455-62.  
 Vogelpoel LTC *et al.* (2014). Nat Commun 5: 5444.

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