

## Data sheet **Monkey IL-12/23p40 ELISA antibody pair** 10-plate and 20-plate format

### Contents

Items	Cat. no. CT719-10 (10-plate format)	Cat. no. CT719-20 (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 monkey interleukin 12/23p40 (IL-12/23p40)  
 (binds free p40 monomers, p40 dimers and the p40 subunits of heterodimeric IL-12 and heterodimeric IL-23)

**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 polyclonal antibody to monkey interleukin 12 (IL-12)

**Isotype:** Rabbit IgG

**Purification:** Ammonium sulphate precipitation and protein A-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 rhesus macaque interleukin 12 (IL-12)

### SPP conjugate

**Product:** SPP conjugate (Streptavidin-HRP)

**Application:** This product should be used in combination with TMB substrate.

### General

**Sensitivity:** 4 pg/ml

**Specificity:** Detects free p40 monomers, p40 dimers and the p40 subunits of heterodimeric IL-12 (p35/p40) and heterodimeric IL-23 (p19/p40).  
 Validated for detecting natural and recombinant rhesus macaque IL-12 and natural cynomolgus monkey, pig-tailed macaque, baboon and African green monkey IL-12

**Sterility:** Membrane filtered (0.2 µm)

**Content:** Lyophilized

**References:** Fallon PG *et al.* (2003). J infect Dis 187:939-45.  
 Mortara L *et al.* (2006). J Immunol meth 306: 138-55.  
 Wonderlich ER *et al.* (2015). J Immunol 195: 3284-92.

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