

**Data sheet Human IL-31 ELISA antibody pair**  
10-plate and 20-plate format

**Contents**

Items	Cat. no. CT570-10 (10-plate format)	Cat. no. CT570-20 (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 human interleukin 31 (IL-31)  
 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 31 (IL-31)  
 Isotype Mouse IgG<sub>2b</sub>  
 Production *In vitro* using serum free medium  
 Purification Ion exchange chromatography  
 Labeling With biotin (biotinamido hexanoic acid N-hydroxysuccinimide ester)  
 Buffer Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose

**Standards**

Product Recombinant human interleukin 31 (IL-31)

**SPP conjugate**

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

**General**

Sensitivity 64 pg/ml  
 Specificity Validated for detecting natural and recombinant human IL-31  
 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).

