

## Data sheet Human Angiopoietin-2 ELISA antibody pair

### 10-plate and 20-plate format

#### Contents

Items	Cat. no. CT577-10 (10-plate format)	Cat. no. CT577-20 (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 angiopoietin-2  
**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 angiopoietin-2  
**Isotype:** Mouse IgG<sub>2b</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 angiopoietin-2

#### SPP conjugate

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

#### General

**Sensitivity:** 100 pg/ml  
**Specificity:** Validated for detecting natural and recombinant human angiopoietin-2  
**Sterility:** Membrane filtered (0.2 µm)  
**Content:** Lyophilized