

Data sheet Human IL-21 ELISA antibody pair 10-plate and 20-plate format

Contents

| Items | Cat. no. CT580-10 (10-plate format) | Cat. no. CT580-20 (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 21 (IL-21) |
| Isotype | Mouse IgG ₁ |
| Production | <i>In vitro</i> 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 21 (IL-21) |
| Isotype | Mouse IgG ₁ |
| Production | <i>In vitro</i> using serum free medium |
| Purification | Ion exchange chromatography |
| Labeling | With biotin (biotinamidohexanoic acid N-hydroxysuccinimide ester) |
| Buffer | Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose |

Standards

| | |
|---------|--|
| Product | Recombinant human interleukin 21 (IL-21) |
|---------|--|

SPP conjugate

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

General

| | |
|-------------|--|
| Sensitivity | 10 pg/ml |
| Specificity | Validated for detecting natural and recombinant human IL-21 in supernatant |
| Sterility | Membrane filtered (0.2 µm) |
| Content | Lyophilized |

References can be found in the Reference Database at www.ucytech.com/references.

