

## Data sheet Human IL-13 ELISA antibody pair 10-plate and 20-plate format

### Contents

| Items                           | Cat. no. CT746-10<br>(10-plate format) | Cat. no. CT746-20<br>(20-plate format) | Storage conditions |
|---------------------------------|----------------------------------------|----------------------------------------|--------------------|
| Coating antibody                | 2 vials                                | 4 vials                                | 2 to 8 °C          |
| Biotinylated detection antibody | 2 vials                                | 4 vials                                | 2 to 8 °C          |
| Standard                        | 5 vials                                | 10 vials                               | 2 to 8 °C          |
| Streptavidin-HRP conjugate      | 2 vials                                | 4 vials                                | -32 to -18 °C *    |

Please read our ELISA antibody pair manual for guidelines and procedures.

\* Store protected from light

### Coating antibody

|              |                                                         |
|--------------|---------------------------------------------------------|
| Product      | Monoclonal antibody to human interleukin 13 (IL-13)     |
| Isotype      | Mouse IgG <sub>1</sub>                                  |
| 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 polyclonal antibody to human interleukin 13 (IL-13)  |
| Isotype      | Rabbit IgG                                                        |
| Purification | Protein A- and ligand-affinity chromatography                     |
| Labeling     | With biotin (biotinamidohexanoic acid N-hydroxysuccinimide ester) |
| Buffer       | Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose   |

### Standard

|         |                                          |
|---------|------------------------------------------|
| Product | Recombinant human interleukin 13 (IL-13) |
|---------|------------------------------------------|

### Conjugate

|             |                                                               |
|-------------|---------------------------------------------------------------|
| Product     | Streptavidin-HRP                                              |
| Application | This product should be used in combination with TMB substrate |

### General

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Sensitivity | 0.5 pg/ml                                                   |
| Specificity | Validated for detecting natural and recombinant human IL-13 |
| Sterility   | Membrane filtered (0.2 µm)                                  |
| Content     | Lyophilized                                                 |

