

## Data sheet    Monkey IL-5 ELISA antibody pair

### 10-plate and 20-plate format

#### Contents

| Items                           | Cat. no. CT713-10<br>(10-plate format) | Cat. no. CT713-20<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 monkey interleukin 5 (IL-5)      |
| Isotype      | Rat 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 monoclonal antibody to monkey interleukin 5 (IL-5)   |
| Isotype      | Rat IgG <sub>2a</sub>                                             |
| Production   | <i>In vitro</i> using serum free medium                           |
| Purification | Protein G-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 interleukin 5 (IL-5) |
|---------|----------------------------------|

#### 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 rhesus macaque, cynomolgus monkey, pig-tailed macaque, barbary macaque, baboon and African green monkey IL-5. |
| Sterility   | Membrane filtered (0.2 µm)                                                                                                                    |
| Content     | Lyophilized                                                                                                                                   |

