

## Data sheet    Monkey IL-2 ELISA antibody pair 10-plate and 20-plate format

### Contents

| Items                           | Cat. no. CT711-10<br>(10-plate format) | Cat. no. CT711-20<br>(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 monkey interleukin 2 (IL-2)      |
| 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 monkey interleukin 2 (IL-2)       |
| Isotype      | Rabbit IgG                                                            |
| Purification | Ammonium sulphate precipitation and protein A-affinity 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 interleukin 2 (IL-2) |
|---------|----------------------------------|

### SPP conjugate

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

### General

|             |                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sensitivity | 2 pg/ml                                                                                                                                       |
| Specificity | Validated for detecting natural rhesus macaque, cynomolgus monkey, pig-tailed macaque, barbary macaque, baboon and African green monkey IL-2. |
| 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).

