

## Monkey TNF-alpha ELISA Matched Antibody Pairs

**Catalog No:** CK1029

**Size:** 10 plate format

### Coating antibodies (2 vials)

**Product:** Monoclonal antibody to monkey tumor necrosis factor alpha (TNF-alpha)

**Isotype:** Mouse IgG<sub>1</sub>

**Production:** *In vitro* using serum free medium

**Purification:** Ion exchange chromatography

**Contents:** Each vial contains sufficient material for coating of five 96-well ELISA plates

**Buffer:** Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

**Application:** Coating antibody in an ELISA system

**Reconstitution:** Dissolve the contents of one vial by injection of 0.25 ml distilled water into the vial and dilute 100 times in PBS. The total amount of one vial is sufficient for five 96-well ELISA plates (480 determinations; 50 µl/well).

### Detector antibodies (2 vials)

**Product:** Biotinylated monoclonal antibody to monkey tumor necrosis factor alpha (TNF-alpha)

**Isotype:** Mouse IgG<sub>1</sub>

**Production:** *In vitro* using serum free medium

**Purification:** Ion exchange chromatography

**Labeling:** With Biotin-7-NHS (N-hydroxysuccinimide)

**Contents:** Each vial contains sufficient material for five 96-well ELISA plates

**Buffer:** Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose

**Application:** Detection antibody in an ELISA system

**Reconstitution:** Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and dilute 100 times in PBS + 0.5% BSA + 0.05% Tween-20. The total amount of one vial is sufficient for five 96-well ELISA plates (480 determinations; 100 µl/well).

### Standards (5 vials)

**Product:** Recombinant tumor necrosis factor alpha (TNF-alpha)

**Application:** Cytokine standard in an ELISA system

**Reconstitution:** Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and use immediately.

### General

**Specificity:** Validated for detecting natural and recombinant rhesus macaque TNF-alpha and natural cynomolgus monkey, pig-tailed macaque, baboon and African green monkey TNF-alpha. Standards are calibrated with recombinant rhesus macaque TNF-alpha.

**Sterility:** Membrane filtered (0.2 µm)

**Stability:** The lyophilized products are stable for more than one year at 4°C. After reconstitution, the antibodies are stable for several months at 4°C (if kept sterile) or for minimal one year at -20°C. The reconstituted standard preparation should be used immediately.

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