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Monkey IL-5
ELISA Matched Antibody Pairs

Catalog No: CK1024 **Size:** 10 plate format

Coating antibodies (2 vials)

Product: Monoclonal antibody to monkey interleukin 5 (IL-5)

Isotype: Mouse IgG_1

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 interleukin 5 (IL-5)

Isotype: Rat IgG2a

Production: *In vitro* using serum free medium

Purification: Protein G-affinity 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 interleukin 5 (IL-5)

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 rhesus macaque, cynomolgus monkey, pig-tailed macaque, baboon and African green monkey IL-5. Standards are calibrated with natural rhesus macaque IL-5.

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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