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Human IL-4 ELISA
Matched Antibody Pairs

Catalog No: CK1082 **Size:** 10 plate format

Coating antibodies (2 vials)

Product: Monoclonal antibody to human interleukin 4 (IL-4)

Isotype: Mouse IgG1

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 human interleukin 4 (IL-4)

Isotype: Rat IgG1

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 human interleukin 4 (IL-4)

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 human IL-4

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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Cell Sciences, Inc.
480 Neponset Street
Building 12A
Canton, MA 02021

Toll Free: 888 769-1246
Phone: 781 828-0610
Fax: 781 828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com