

Rat IFN-gamma ELISA Matched Antibody Pairs

Catalog No: CK1094

Size: 10 plate format

Coating antibodies (2 vials)

Product: Monoclonal antibody to rat interferon gamma (IFN- γ)

Isotype: Mouse IgG1

Production: *In vitro* using serum free medium

Purification: Ammonium sulphate precipitation and DEAE 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 μ l/well).

Detector antibodies (2 vials)

Product: Biotinylated monoclonal antibody to rat interferon gamma (IFN- γ)

Isotype: Mouse IgG1

Production: *In vitro* using serum free medium

Purification: Ammonium sulphate precipitation and DEAE 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 μ l/well).

Standards (5 vials)

Product: CHO-derived recombinant rat interferon gamma (IFN- γ)

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 rat IFN- γ .

Sterility: Membrane filtered (0.2 μ m)

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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