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Data sheet Rat IFN-γ ELISPOT antibody pair; 10-plate format

Cat. No.: CT599-10

Coating antibodies (2 vials)

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

Isotype: Mouse IgG_1

Production: *In vitro* using serum free medium

Purification: Ion exchange chromatography and protein G affinity chromatography.

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

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

Application: Coating antibody in an ELISPOT 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 ELISPOT plates (480 determinations; 50 µl/well).

Detection antibodies (2 vials)

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

Isotype: Mouse IgG_1

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 ELISPOT plates

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

Application: Detection antibody in an ELISPOT system

Reconstitution: Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and dilute 100 times in Dilution buffer (see Technical Data Sheet). The total amount of one vial is sufficient for five 96-well ELISPOT plates (480 determinations; 100 µl/well).

General

Specificity: Validated for detecting rat IFN-γ

Sterility: Membrane filtered (0.2 µm)

Stability: The lyophilized products are stable for at least one year at 4˚C (expiry date is indicated on the vials).
After reconstitution, the antibodies are stable for several months at 4˚C (if kept sterile) or for minimal one year at -20˚C.

References:
Mustafa, M.I.*et al*. 1991. J. Neuroimmunol. 31:165-177
Ruuls, S.R. *et al*. 1996. J. Immunol. 157: 5721-5731
Zhang, G.X. *et al*. 1999. J. Immunol. 162: 3775-3781
Zhu, J. *et al*. 2001. J. Neuroimmunol. 114: 99-106