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Data sheet Mouse TNF-α ELISPOT antibody pair; 10-plate format

Cat. No.: CT661-10

Coating antibodies (2 vials)

Product:	Monoclonal antibody to mouse tumor necrosis factor alpha (TNF-α)
Isotype:	Rat IgG_1
Production:	*In vitro* using Hybridoma-SFM medium
Purification:	Protein G 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 polyclonal antibody to mouse tumor necrosis factor alpha (TNF-α)
Isotype:	Rabbit IgG
Purification:	Ammonium sulphate precipitation, protein A- and ligand-affinity 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 mouse TNF-α
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:	Xu, Y. *et al*. 2014. Immunol. 143: 277-286