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Data sheet Mouse IL-10 ELISPOT antibody pair; 20-plate format

Cat. No.: CT658-20

Coating antibodies (1 vial)

Product:	Monoclonal antibody to mouse interleukin 10 (IL-10)
Isotype:	Rat IgM
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 twenty 96-well ELISPOT plates
Buffer:	Prior to lyophilization: 1.0 ml PBS + 125 mM trehalose
Application:	Coating antibody in an ELISPOT system
Reconstitution:	Dissolve the contents of the vial by injection of 1.0 ml distilled water into the vial and dilute 100 times in PBS. The total amount of one vial is sufficient for twenty 96-well ELISPOT plates (1920 determinations; 50 µl/well).

Detection antibodies (1 vial)

Product:	Biotinylated monoclonal antibody to mouse interleukin 10 (IL-10)
Isotype:	Rat IgG_1
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 twenty 96-well ELISPOT plates
Buffer:	Prior to lyophilization: 2.0 ml PBS + 1% BSA + 125 mM trehalose
Application:	Detection antibody in an ELISPOT system
Reconstitution:	Dissolve the contents of the vial by injection of 2.0 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 twenty 96-well ELISPOT plates (1920 determinations; 100 µl/well).

General

Specificity:	Validated for detecting mouse IL-10
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:	Han, G. *et al*. 2005. J. Immunol. 174: 4516-4524 Han, G. *et al*. 2008. Immunol. Lett. 115: 110-116 Holan, V. *et al*. 2014. Immunol. 141: 577-586