ANIARA

Manufactured By: U-CyTech Biosciences

Data sheet Human IL-4 ELISPOT antibody pair; 10-plate format

Cat. No.: ACT642-10

Coating antibodies (2 vials)

Product:	Monoclonal antibody to human interleukin 4 (IL-4)
Isotype:	Mouse IgG_1
Production:	*In vitro* using serum free medium
Purification:	Ion exchange 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 human interleukin 4 (IL-4)
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 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 TDS). The total amount of one vial is sufficient for five 96-well ELISPOT plates (480 determinations; 100 µl/well).

General

Specificity:	Validated for detecting 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.
References:	Arif, S. *et al.* 2004. J. Clin. Invest. 113: 451-463 Van Besouw, N.M. *et al.* 2002. Transpant. Proc. 34: 2942-2943 Kloosterboer, F.M. *et al.* 2004. Hum. Immunol. 65: 328-339 Martin, S. *et al.* 2001. N. Engl. J. Med. 345: 1036-1040 Raz, I. *et al.* 2001. Lancet 358: 1749-1753

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