

**U-CyTech BV**

Yalelaan 48  
3584 CM Utrecht  
The Netherlands  
P +31.30.253 5960  
F +31.30.253 9344  
INFO@ucytech.com  
www.ucytech.com

**Data sheet Human IL-5 ELISPOT antibody pair; 10-plate format**

Cat. No.: CT643-10

**Coating antibodies (2 vials)**

**Product:** Monoclonal antibody to human interleukin 5 (IL-5)  
**Isotype:** Mouse IgG<sub>1</sub>  
**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 5 (IL-5)  
**Isotype:** Rat IgG<sub>2a</sub>  
**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 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 human IL-5  
**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:** Martin, S. *et al.* 2001. N. Engl. J. Med. 345: 1036-1040  
Pfleger, C. 2010. J. Autoimmun. 34:127-135  
Schloot, N.C. *et al.* 2003. J. Autoimmun. 21:365-376

PROUDLY DISTRIBUTED BY   
ANIARA DIAGNOSTICA LLC

+1 (513) 770-1991 | +1 (866) 783-3797  
7768 Service Center Drive  
West Chester, OH 45069  
info@aniara.com