

Monkey IL-12/IL-23 p40 ELISA Matched Antibody Pairs

Catalog No: CK1027

Size: 10 plate format

Coating antibodies (2 vials)

- Product:** Monoclonal antibody to monkey interleukin-12/23 p40 (IL-12/IL-23 p40) (binds to p40 monomers and to both IL-12 (p35/p40) and IL-23 (p19/p40) heterodimers via the p40 subunit)
- Isotype:** Mouse IgG₁
- Production:** *In vitro* using serum free medium
- Purification:** Ion exchange chromatography
- Contents:** Each vial contains sufficient material for coating of five 96-well ELISA plates
- Buffer:** Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose
- Application:** Coating antibody in an ELISA 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 ELISA plates (480 determinations; 50 µl/well).

Detector antibodies (2 vials)

- Product:** Biotinylated polyclonal antibody to monkey interleukin-12 p70
- Isotype:** Rabbit IgG
- Purification:** Ammonium sulphate precipitation and protein A-affinity chromatography
- Labeling:** With Biotin-7-NHS (N-hydroxysuccinimide)
- Contents:** Each vial contains sufficient material for five 96-well ELISA plates
- Buffer:** Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose
- Application:** Detection antibody in an ELISA system
- Reconstitution:** Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and dilute 100 times in PBS + 0.5% BSA + 0.05% Tween-20. The total amount of one vial is sufficient for five 96-well ELISA plates (480 determinations; 100 µl/well).

Standards (5 vials)

- Product:** Recombinant interleukin-12 (IL-12)
- Application:** Cytokine standard in an ELISA system
- Reconstitution:** Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and use immediately.

Conjugate (2 vials)

- Product:** SPP conjugate (Streptavidin-HRP)
- Application:** Inject 0.5 ml distilled water into the vial and dilute 100 times in PBS + 0.5% BSA + 0.05% Tween-20. The content of one vial is sufficient for five 96-well ELISA plates (480 determinations; 100 µl/well).



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General

- Specificity:** Validated for detecting natural and recombinant rhesus macaque IL-12 and natural cynomolgus monkey, pig-tailed macaque, baboon and African green monkey IL-12. Standards are calibrated with recombinant rhesus macaque IL-12.
- Sterility:** Membrane filtered (0.2 µm)
- Stability:** Lyophilized SPP conjugate is stable for > 1 year at -20°C. The other 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. The reconstituted standard preparation should be used immediately.

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