

Human IL-35 (Interleukin 35) ELISA Kit | IL-35 elisa kit

Human IL-35 (Interleukin 35) Pre-Coated ELISA Kit

CATALOG # AAA78473	REACTIVITY Human	APPLICATIONS ELISA
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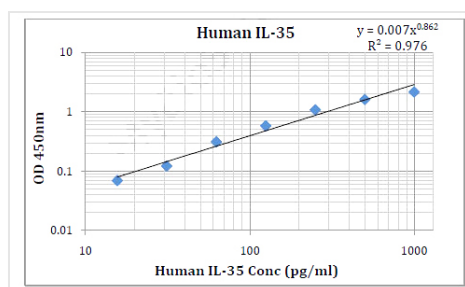
PRODUCT SYNONYMS

IL-35 (Interleukin 35); Human IL-35 (Interleukin 35) Pre-Coated ELISA Kit; IL-35 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Applicable Applications for IL-35 elisa kit	ELISA

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-35 elisa kit	Background/Introduction: IL-35, acts as a potent anti-inflammatory cytokine, which has been shown to be required for the optimal suppressive activity of regulatory T-cell populations in both mice and man. This cytokine is a member of IL-12 family, and formed by pairing IL-12alpha (also known as p35) and Epstein-Barr virus-induced gene 3 (EBI3). IL-35 is produced primarily by CD4+Foxp3+Treg cells and required for the suppressive activity of regulatory T-cell populations. It is also produced by activated B cells, tolerogenic dendritic cells and to a lesser extent by activated endothelial cells, smooth muscle cells, and monocytes. Mechanistically, IL-35 signals in the target cells by binding to heterodimeric (gp130-IL-12Rbeta2) or homodimeric (gp130-gp130 or IL-12Rbeta2-IL-12Rbeta2) receptors to inhibit immunological responses. In contrast to other immunosuppressive cytokine, TGF-beta, IL-35 is not a constitutively expressed cytokine but rather a responsive cytokine induced by inflammatory stimuli. The loss of IL-35 expression reduces the in vivo suppressive capacity of Treg. However, little is known regarding the definitive mechanisms of IL-35 in autoimmune disease. Therefore we investigated the immunoregulatory role of IL-35 in patients with RA (Rheumatoid arthritis).
Product Categories/Family for IL-35 elisa kit	Kits and Reagents

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.