

IL-27 antibody pair kit

Human IL-27 ELISA Set

CATALOG #
AAA58627

REACTIVITY
Human. No cross reactivity with other human cytokines.

PRODUCT SYNONYMS

IL-27; Human IL-27 ELISA Set; IL-27 antibody pair kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human cytokines.
Specificity	The assay recognizes natural human IL-27. To define specificity of this IL-27 antibody pair, several proteins were tested for cross reactivity using the IL-27 ELISA kit (which contains the same antibodies). There was no cross reactivity observed for any protein tested (IL-6, IL-6R, gp130, IL-10, IL-12, IL-12p40??IL23, ICAM-1).
Samples	Supernatants, buffered solutions, serum, plasma samples and other body fluids
Assay Type	Qualitative Sandwich
Sensitivity	<12.8pg/ml

ADDITIONAL INFORMATION

Related Product Information for IL-27 antibody pair kit	Intended Uses: The IL-27 ELISA Set is intended for use in a 'do it yourself' solid phase sandwich ELISA for the in vitro qualitative and quantitative determination of IL-27 in supernatants, buffered solutions, serum, plasma samples and other body fluids. This assay will recognise both natural and recombinant human IL-27. This kit has been configured for research use only. Principle of the Assay: A capture Antibody highly specific for IL-27 is coated to the wells a microtiter strip plate. Binding of IL-27 in samples and known standards to the capture antibodies is completed and then any excess unbound analyte is removed. During the next incubation period the binding of the biotinylated anti-IL-27 secondary antibody to the analyte occurs. Any excess unbound secondary antibody is then removed. The HRP conjugate solution is then added to every well including the zero wells, following incubation excess conjugate is removed by careful washing. A chromogen substrate is added to the wells resulting in the progressive development of a blue coloured complex with the conjugate. The colour development is then stopped by the addition of acid turning the resultant final product yellow. The intensity of the produced coloured complex is directly proportional to the concentration of IL-27 present in the samples and standards. The absorbance of the colour complex is then measured and the generated OD values for each standard are plotted against expected concentration forming a standard curve. This standard curve can then be used to accurately determine the concentration of IL-27 in any sample tested.
Product Categories/Family for IL-27 antibody pair kit	Human ELISA Sets

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-antibody-pair-kits/il-27/58627>