

Human Tyk-2 (Tyrosine Kinase 2) CLIA Kit | Tyk-2 clia kit

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CATALOG #
AAA171033

REACTIVITY
Human

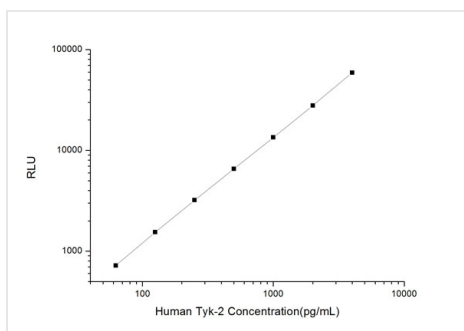
PRODUCT SYNONYMS

Tyk-2 (Tyrosine Kinase 2); Human Tyk-2 (Tyrosine Kinase 2) CLIA Kit; TYK2; JTK1; Tyk-2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Tyk-2. No significant cross-reactivity or interference between Tyk-2 and analogues was observed.
Sequence Length	1187
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tyk-2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Tyk-2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Tyk-2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Tyk-2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Tyk-2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Tyk-2. You can calculate the concentration of Tyk-2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559784
NCBI GeneID	7297
Molecular Weight	133,650 Da
NCBI Official Full Name	Tyrosine kinase 2
NCBI Official Synonym Full Names	tyrosine kinase 2
NCBI Official Symbol	TYK2
NCBI Official Synonym Symbols	JTK1; IMD35
NCBI Protein Information	non-receptor tyrosine-protein kinase TYK2
UniProt Protein Name	Non-receptor tyrosine-protein kinase TYK2
UniProt Gene Name	TYK2
UniProt Entry Name	TYK2_HUMAN

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-clia-kits/tyk-2-tyrosine-kinase-2/171033>