

Human Epstein Barr Virus Induced Protein 3 (EBI3) CLIA Kit | EBI3 clia kit

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CATALOG # AAA189097	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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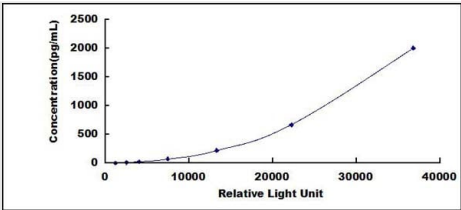
PRODUCT SYNONYMS

Epstein Barr Virus Induced Protein 3 (EBI3); Human Epstein Barr Virus Induced Protein 3 (EBI3) CLIA Kit; Epstein Barr Virus Induced Protein 3; IL27B; IL27-B; Interleukin 27B; Epstein-Barr virus-induced gene 3 protein; EBV-induced gene 3 protein; EBI3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Epstein Barr Virus Induced Protein 3 (EBI3). No significant cross-reactivity or interference between Epstein Barr Virus Induced Protein 3 (EBI3) and analogues was observed.
Sequence Length	229
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 1.14pg/mL
Applicable Applications for EBI3 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Epstein Barr Virus Induced Protein 3 (EBI3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Epstein Barr Virus Induced Protein 3 (EBI3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Epstein Barr Virus Induced Protein 3 (EBI3). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Epstein Barr Virus Induced Protein 3 (EBI3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Epstein Barr Virus Induced Protein 3 (EBI3) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14577917
NCBI GeneID	10148
NCBI Accession #	NP_005746.2
NCBI GenBank Nucleotide #	NP_005746.2
UniProt Accession #	Q14213
NCBI Official Full Name	interleukin-27 subunit beta
NCBI Official Synonym Full Names	Epstein-Barr virus induced 3
NCBI Official Symbol	EBI3
NCBI Official Synonym Symbols	IL27B; IL35B; IL-27B
NCBI Protein Information	interleukin-27 subunit beta
UniProt Protein Name	Interleukin-27 subunit beta
UniProt Gene Name	EBI3
UniProt Synonym Gene Names	IL27B; IL-27 subunit beta; IL-27B; EBV-induced gene 3 protein
UniProt Entry Name	IL27B_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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/epstein-barr-virus-induced-protein-3-ebi3/189097>