

Human Synergin Gamma (SYNRg) ELISA Kit | SYNRg elisa kit

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CATALOG #
AAA67812

REACTIVITY
Human

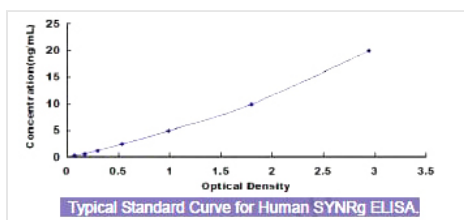
PRODUCT SYNONYMS

Synergin Gamma (SYNRg); Human Synergin Gamma (SYNRg) ELISA Kit; AP1GBP1; SYNG; Adaptor-Related Protein Complex 1 Gamma Subunit-Binding Protein 1; SYNRg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SYNRg. No significant cross-reactivity or interference between SYNRg and analogues was observed.
Sequence Length	1236
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.109ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SYNRg were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SYNRg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYNRG elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SYNRG in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SYNRG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SYNRG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SYNRG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SYNRG in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254587988
NCBI GeneID	11276
NCBI Accession #	NP_001157016.1
NCBI GenBank Nucleotide #	NM_001163544.2
UniProt Accession #	Q9UMZ2; Q17RI2; Q5BKU5; Q6ZT17; A8MWU4; B7ZKZ2; B7ZKZ3
Molecular Weight	126,214 Da
NCBI Official Full Name	synergina gamma isoform 4
NCBI Official Synonym Full Names	synergina gamma
NCBI Official Symbol	SYNRG
NCBI Official Synonym Symbols	SYNG; AP1GBP1
NCBI Protein Information	synergina gamma
UniProt Protein Name	Synergina gamma
UniProt Gene Name	SYNRG
UniProt Synonym Gene Names	AP1GBP1; SYNG

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.