

Human Luteinizing Hormone Receptor, LHR ELISA Kit | LHR elisa kit

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CATALOG #
AAA44232

REACTIVITY
Human

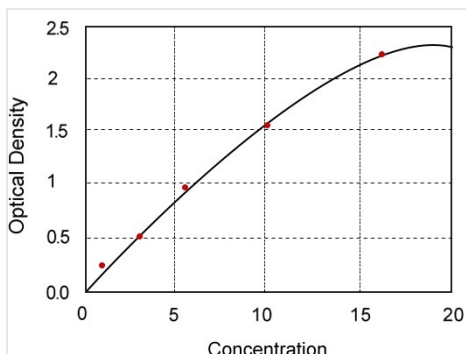
PRODUCT SYNONYMS

Luteinizing Hormone Receptor; LHR; Human Luteinizing Hormone Receptor; LHR ELISA Kit; LHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	56
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.029ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LHR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Luteinizing Hormone Receptor (also known as LHR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LHR antibody. LHR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LHR Antibody is added and binds to LHR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LHR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LHR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4063366
NCBI GeneID	3973
Molecular Weight	71,615 Da
NCBI Official Full Name	luteinizing hormone receptor, partial
NCBI Official Synonym Full Names	luteinizing hormone/choriogonadotropin receptor
NCBI Official Symbol	LHCGR
NCBI Official Synonym Symbols	HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R
NCBI Protein Information	lutropin-choriogonadotropic hormone receptor
UniProt Protein Name	Lutropin-choriogonadotropic hormone receptor
UniProt Gene Name	LHCGR
UniProt Synonym Gene Names	LCGR; LGR2; LHRHR; LH/CG-R; LHR; LSH-R

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://www.aaabiotech.com/human-elisa-kits/luteinizing-hormone-receptor-lhr/44232>