

Glucagon-Like Peptide 2 Receptor Cell Line | GLP2R cell line

Glucagon-Like Peptide 2 Receptor (GLP2R) ACTOne Stable Cell Line

CATALOG #
AAA62161

PRODUCT SYNONYMS

Glucagon-Like Peptide 2 Receptor; Glucagon-Like Peptide 2 Receptor (GLP2R) ACTOne Stable Cell Line; GLP2R cell line

PRODUCT SPECIFICATIONS

Specificity	Natural and recombinant human E-Cadherin
Sequence Length	553
Samples	Cell Culture Supernates, Serum, Plasma (Heparin), Saliva And Urine
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	< 15pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Product is shipped on dry ice. Storage: Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130 degrees C preferably in liquid nitrogen vapor, until ready for use. Dry Ice Shipment: Extra charge fee may add to your shipping cost as dry ice is required to ship this product. Shipping Note: Product is available for shipment in the United States, Canada and European countries. Please inquire for shipment to other countries.

ADDITIONAL INFORMATION

Related Product Information for GLP2R cell line	Principle of the Assay: Human E-Cadherin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for E-Cadherin has been precoated onto 96-well plates. Standards (Expression system for standard: NSO, Immunogen sequence: D155-I707) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for E-Cadherin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human E-Cadherin amount of sample captured in plate!!Background/Introduction: E-Cadherin, also called Cadherin 1(CDH1),Uvomorulin or calcium-dependent adhesion protein, epithelial. E-cadherin is a Ca(2+)-dependent epithelial cell-cell adhesion molecule. Downregulation of E-cadherin expression often correlates with strong invasive potential and poor prognosis of human carcinomas. The gene spans a region of approximately 100 kb, and its location on chromosome 16q22.1. It contains 16 exons and a 65-kb-long intron 2. E-cadherin gene mutations may contribute to the development of diffusely growing gastric carcinomas. E-cadherin plays a central part in the process of epithelial morphogenesis and acts as a strong invasion suppressor in experimental tumor cell systems. The standard product used in this kit is recombinant gene expression with the molecular mass of 120KDa.
Product Categories/Family for GLP2R cell line	Cell Based GPCR-PDE Compound Assay System; ACTOne Assay on G-Protein Coupled Receptors (GPCRs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758438
NCBI GeneID	9340
NCBI Accession #	NP_004237.1
NCBI GenBank Nucleotide #	NM_004246.2
Molecular Weight	63,001 Da
NCBI Official Full Name	glucagon-like peptide 2 receptor
NCBI Official Synonym Full Names	glucagon-like peptide 2 receptor
NCBI Official Symbol	GLP2R
NCBI Protein Information	glucagon-like peptide 2 receptor; GLP-2 receptor
UniProt Protein Name	Glucagon-like peptide 2 receptor
UniProt Gene Name	GLP2R
UniProt Entry Name	GLP2R_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://www.aaabiotech.com/glp2r-cell-line/glucagon-like-peptide-2-receptor/62161>