

Human Secretoglobin Family 1D Member 2 (SCGB1D2) ELISA Kit | SCGB1D2 elisa kit

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CATALOG #
AAA330947

REACTIVITY
Human

PRODUCT SYNONYMS

Secretoglobin Family 1D Member 2 (SCGB1D2); Human Secretoglobin Family 1D Member 2 (SCGB1D2) ELISA Kit; SCGB1D2; LIPB; LPHB; lipophilin B; lipophilin B (uteroglobin family member); prostatein-like; prostatein-like lipophilin B; SCGB1D2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Secretoglobin family 1D member 2 (SCGB1D2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SCGB1D2. No significant cross-reactivity or interference between Human SCGB1D2 and analogues was observed.
Sequence Length	90
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Secretoglobin family 1D member 2 (SCGB1D2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SCGB1D2 elisa kit	Description: This Human Secretoglobin family 1D member 2 (SCGB1D2) ELISA Kit employs a two-site sandwich ELISA to quantitate SCGB1D2 in samples. An antibody specific for SCGB1D2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCGB1D2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCGB1D2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SCGB1D2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: LIPB is a member of the lipophilin subfamily, part of the uteroglobin superfamily, and is an ortholog of prostatein, the major secretory glycoprotein of the rat ventral prostate gland. Lipophilin gene products are widely expressed in normal tissues, especially in endocrine-responsive organs. Assuming that human lipophilins are the functional counterparts of prostatein, they may be transcriptionally regulated by steroid hormones, with the ability to bind androgens, other steroids and possibly bind and concentrate estramustine, a chemotherapeutic agent widely used for prostate cancer. Although the gene has been reported to be on chromosome 10, this sequence appears to be from a cluster of genes on chromosome 11 that includes mammaglobin 2. Highest expression was found in skeletal muscle. Expressed as well in thymus, trachea, kidney, steroid responsive tissues and salivary gland.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729909
NCBI GeneID	10647
NCBI Accession #	NP_006542.1
NCBI GenBank Nucleotide #	NP_006542.1
UniProt Accession #	O95969
NCBI Official Full Name	secretoglobin family 1D member 2
NCBI Official Synonym Full Names	secretoglobin family 1D member 2
NCBI Official Symbol	SCGB1D2
NCBI Official Synonym Symbols	LIPB; LPHB; LPNB
NCBI Protein Information	secretoglobin family 1D member 2
UniProt Protein Name	Secretoglobin family 1D member 2
UniProt Gene Name	SCGB1D2
UniProt Synonym Gene Names	LIPHB; LPNB

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-elisa-kits/secretoglobin-family-1d-member-2-scgb1d2/330947>