

Bovine Uteroglobulin (UG) ELISA Kit | UG elisa kit

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CATALOG #
AAA122808

REACTIVITY
Bovine

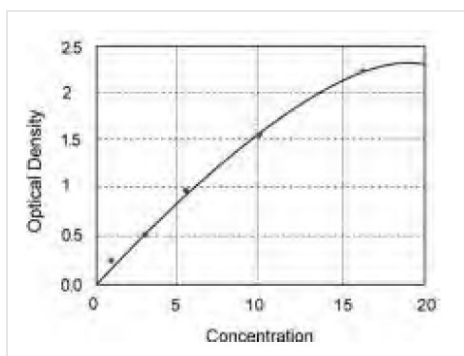
PRODUCT SYNONYMS

Uteroglobulin (UG); Bovine Uteroglobulin (UG) ELISA Kit; UG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	91
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.3-90ng/ml
Sensitivity	0.17ng/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. Intra-Assay: CV< 10%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV< 12%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UG elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine UG antibody. UG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine UG Antibody is added and binds to UG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UG 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 Bovine UG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Uteroglobin (also known as UG) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507809
NCBI GeneID	7356
NCBI Accession #	NP_003348.1
NCBI GenBank Nucleotide #	NM_003357.5
UniProt Accession #	P11684
NCBI Official Full Name	uteroglobin
NCBI Official Synonym Full Names	secretoglobin family 1A member 1
NCBI Official Symbol	SCGB1A1
NCBI Official Synonym Symbols	UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP
NCBI Protein Information	uteroglobin
UniProt Protein Name	Uteroglobin
UniProt Gene Name	SCGB1A1
UniProt Synonym Gene Names	CC10; CCSP; UGB; CCPBP; CC10; UP-1; UP1; Urine protein 1
UniProt Entry Name	UTER_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/bovine-ovine-elisa-kits/uteroglobin-ug/122808>