

Mouse Regucalcin (RGN) ELISA Kit | RGN elisa kit

Mouse Regucalcin (RGN) ELISA Kit

CATALOG #
AAA188196

REACTIVITY
Mouse

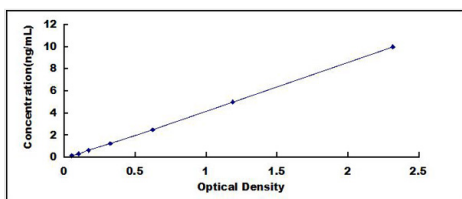
PRODUCT SYNONYMS

Regucalcin (RGN); Mouse Regucalcin (RGN) ELISA Kit; RC; SMP30; GNL; Senescence Marker Protein-30; Gluconolactonase; RGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Regucalcin (RGN). No significant cross-reactivity or interference between Regucalcin (RGN) and analogues was observed.
Sequence Length	299
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.055ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Regucalcin (RGN) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Regucalcin (RGN) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RGN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Regucalcin (RGN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Regucalcin (RGN). 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 Regucalcin (RGN), 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 Regucalcin (RGN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677739
NCBI GeneID	19733
NCBI Accession #	NP_033086.1
NCBI GenBank Nucleotide #	NP_033086.1
UniProt Accession #	Q64374
NCBI Official Full Name	regucalcin
NCBI Official Synonym Full Names	regucalcin
NCBI Official Symbol	Rgn
NCBI Official Synonym Symbols	GNL; SMP30; AI265316
NCBI Protein Information	regucalcin
UniProt Protein Name	Regucalcin
UniProt Gene Name	Rgn
UniProt Synonym Gene Names	Smp30; RC; GNL; SMP-30
UniProt Entry Name	RGN_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/regucalcin-rgn/188196>