

Datasheet for ABIN2703423

Granulin ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	96 tests
Target:	Granulin (GRN)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	20-15000 pg/mL
Minimum Detection Limit:	20 pg/mL
Application:	ELISA

Product Details

Purpose:	Mouse Progranulin ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA kit shows no cross-reactivity with the following cytokines tested: Mouse B7-1, BAFF R, BTC, C5a, CCL6, CD48, CD6, Chemerin, Clusterin, CXCL15, Cystatin C, DAN, DLL4, EDAR, Endocan, Fetuin A, H60, IL-33, IL-7 R alpha, Kremen-1, Limitin, Lipocalin-2, LOX-1, Marapsin, MBL-2, Meteorin, Nope, NOV, Osteoactivin, OX40, Ligand, P-Cadherin, Periostin, PIGF-2, Prostatin, Renin 1, Testican 3, TIM-1, TRAIL, Tryptase epsilon.
Sensitivity:	20 pg/mL
Characteristics:	<ul style="list-style-type: none">Strip plates and additional reagents allow for use in multiple experiments

Product Details

- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

- Components:
- Pre-Coated 96-well Strip Microplate
 - Wash Buffer
 - Stop Solution
 - Assay Diluent(s)
 - Lyophilized Standard
 - Biotinylated Detection Antibody
 - Streptavidin-Conjugated HRP
 - TMB One-Step Substrate

- Material not included:
- Distilled or deionized water
 - Precision pipettes to deliver 2 μ L to 1 μ L volumes
 - Adjustable 1-25 μ L pipettes for reagent preparation
 - 100 μ L and 1 liter graduated cylinders
 - Tubes to prepare standard and sample dilutions
 - Absorbent paper
 - Microplate reader capable of measuring absorbance at 450nm
 - Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target: Granulin (GRN)

Alternative Name: Progranulin ([GRN Products](#))

Target Type: Viral Protein

Background: Gene Names: Grn

Protein names: Granulins (PC cell-derived growth factor) (PCDGF) (Proepithelin) (PEPI) [Cleaved into: Acrogranin (Progranulin), Granulin-1, Granulin-2, Granulin-3, Granulin-4, Granulin-5, Granulin-6, Granulin-7]

UniProt: [P28798](#)

Application Details

Application Notes: Recommended Dilution for serum and plasma samples 1,000 fold

Sample Volume: 100 μ L

Plate: Pre-coated

Application Details

Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards as instructed in the manual.2. Add 100 μL of standard or sample to each well.3. Incubate 2.5 h at RT or O/N at 4 $^{\circ}$C.4. Add 100 μL of prepared biotin antibody to each well.5. Incubate 1 h at RT.6. Add 100 μL of prepared Streptavidin solution to each well.7. Incubate 45 min at RT.8. Add 100 μL of TMB One-Step Substrate Reagent to each well.9. Incubate 30 min at RT.10. Add 50 μL of Stop Solution to each well.11. Read at 450 nm immediately.
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Restrictions:	For Research Use only
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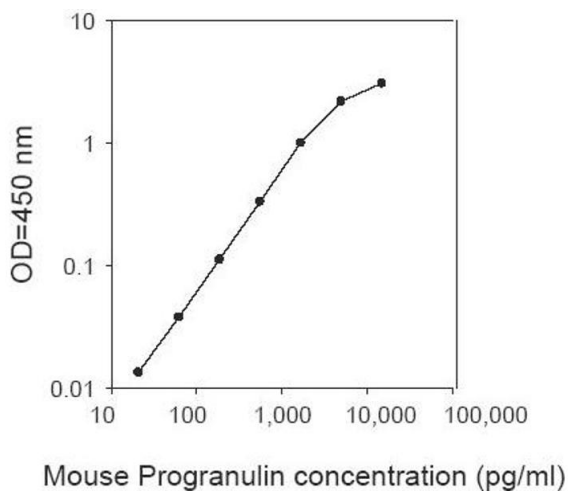
Handling

Storage:	-20 $^{\circ}$ C
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Storage Comment:	The entire kit may be stored at -20 $^{\circ}$ C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4 $^{\circ}$ C for up to 6 months. For extended storage, it is recommended to store at -80 $^{\circ}$ C.
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Expiry Date:	6 months
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Images



ELISA

Image 1.