

## Datasheet for ABIN5522470

### GDNF ELISA Kit



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#### 1 Image

#### Overview

Quantity:	96 tests
Target:	GDNF
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	4.688 pg/mL - 300 pg/mL
Minimum Detection Limit:	4.688 pg/mL
Application:	ELISA

#### Product Details

Purpose:	For quantitative detection of GDNF in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of GDNF. No significant cross-reactivity or interference between GDNF and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between GDNF and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	2.813 pg/mL
Components:	<ul style="list-style-type: none"> <li>- ELISA Microplate</li> <li>- Lyophilized Standard</li> <li>- Sample / Standard Dilution Buffer</li> </ul>

## Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

## Target Details

Target:	GDNF
Alternative Name:	GDNF ( <a href="#">GDNF Products</a> )
Background:	GDNF(Glial Cell Line Derived Neurotrophic Factor)
UniProt:	<a href="#">P39905</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Tube Formation</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

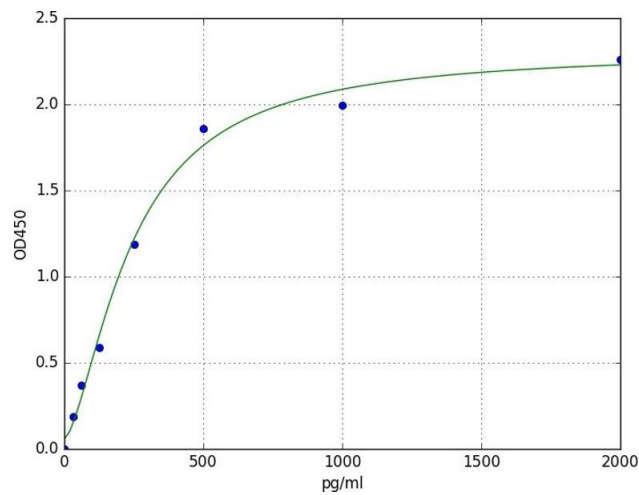
## Handling

Storage:	4 °C
Storage Comment:	<ol style="list-style-type: none"><li>1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.</li><li>2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.</li></ol>

Handling

Expiry Date: 6 months

Images



ELISA

**Image 1.** A typical standard curve