

Datasheet for ABIN5521614

Sestrin 2 ELISA Kit[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	96 tests
Target:	Sestrin 2 (SESN2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection of SESN2 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 SESN2. No significant cross-reactivity or interference between SESN2 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between SESN2 and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	0.094 ng/mL
Components:	<ul style="list-style-type: none">- ELISA Microplate- Lyophilized Standard- Sample / Standard Dilution Buffer

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:	Sestrin 2 (SESN2)
Alternative Name:	SESN2 (SESN2 Products)
Background:	SESN2/Sestrin-2/Hi95/SEST2
UniProt:	P58004

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

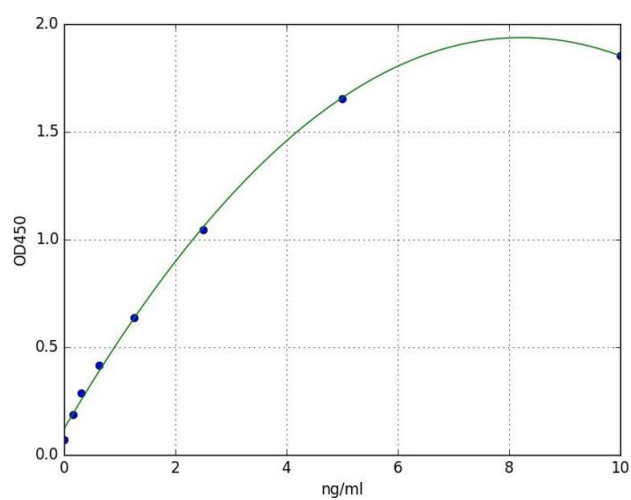
Storage:	4 °C
Storage Comment:	<ol style="list-style-type: none">1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.2. For 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.
Expiry Date:	6 months

Publications

Product cited in: Mohany, Al Rugaie: "Association of serum sestrin 2 and betatrophin with serum neutrophil gelatinase associated lipocalin levels in type 2 diabetic patients with diabetic nephropathy." in: **Journal of diabetes and metabolic disorders**, Vol. 19, Issue 1, pp. 249-256, (2020) ([PubMed](#)).

Tayyar, Tayyar, Kozali, Karakus, Eser, Abide Yayla, Yalcin, Dag, Eroglu: "Maternal serum sestrin 2 levels in preeclampsia and their relationship with the severity of the disease." in: **Hypertension in pregnancy**, Vol. 38, Issue 1, pp. 13-19, (2019) ([PubMed](#)).

Images



ELISA

Image 1. A typical standard curve