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Datasheet for ABIN2745455

GPX3 ELISA Kit

Overview

Quantity:	96 tests
Target:	GPX3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.5-32 ng/mL
Minimum Detection Limit:	0.5 ng/mL
Application:	ELISA

Product Details

Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Detects human GPX3.
Cross-Reactivity:	Human
Sensitivity:	100 pg/mL
Characteristics:	GPX3 (human) ELISA Kit

Target Details

Target:	GPX3
Alternative Name:	GPX3 (GPX3 Products)

Target Details

Background: Glutathione peroxidase 3 (GPX3, GSHPX3) is a selenium-dependent extracellular enzyme, protecting cells and enzymes from oxidative damage by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxides. GPX3 is involved in inflammatory bowel disease, in asthma and in diabetes. The activity of GPX3 is significantly reduced in the plasma and tissue of cancer patients. Recently, GPX3 was suggested to serve as a molecular marker for the diagnosis of clear cell type ovarian adenocarcinoma.

UniProt: [P22352](#)

Pathways: [Thyroid Hormone Synthesis](#)

Application Details

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: +4°C
12 months after the day of manufacturing. See expiry date on ELISA Kit box.