NGAL (human) ELISA kit

Highly sensitive ELISA, measuring as little as 4 pg/ml of NGAL

A colorimetric immunometric ELISA kit for the measurement of NGAL in human samples. Absorbance is read at 450nm.

NGAL (also known as Lipocalin-2 or Neutrophil Gelatinase-associated Lipocalin) is a small, ~25kDa secreted protein expressed in epithelial tissues throughout the body.

Citations: 87 View Online »

Ordering Information

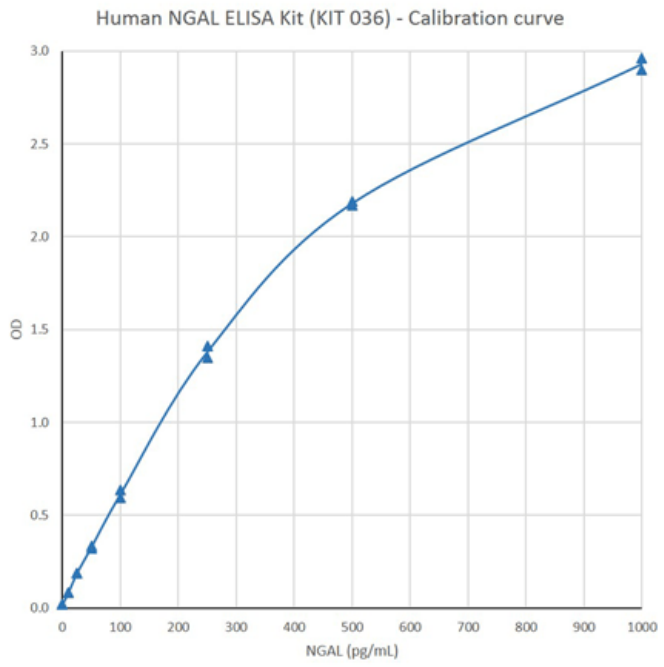
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BPD-KIT-036	96 wells

Manuals, SDS & CofA

View Online »

- Fast results from up to 40 samples in duplicate in just 4 hours per 96 well plate
- Highly sensitive measurement, detecting as low as 4 pg/ml of NGAL
- Ready-to-use pre-coated plate and individual calibrators save time and reduce errors
- Fully quantitative results that surpass semi-quantitative Western blot analysis


Human NGAL ELISA Kit (KIT 036) - Calibration curve
OD
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500
600
700
800
900
1000
NGAL (pg/mL)

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Neutrophil gelatinase-associated lipocalin, Lipocalin 2, Siderocalin, Oncogene 24p3
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of NGAL in human urine, plasma, serum, tissue extracts, and culture supernatants.
Assay Time	<4 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	1: 12 strips of 8 Microwells each coated with anti-NGAL (96 wells) + frame 2: Sample Diluent 3: NGAL Calibrators 1-8; 0, 10, 25, 50, 100, 250, 500, 1000 pg/mL 4: 25X Wash Solution Concentrate 5: Biotinylated NGAL Antibody 6: HRP-Streptavidin Conjugate 7: TMB Substrate 8: Stop Solution
Sensitivity	4pg/ml (range 10-1000pg/ml)
Species Reactivity	Human
Technical Info / Product Notes	For the manual please click here.
UniProt ID	P80188
Wavelength	450 nm

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