Sheep neutrophil gelatinase-associated lipocalin,NGAL ELISA Kit

Product Code	CSB-E13392Sh
Abbreviation	NGAL
Target Name	neutrophil gelatinase-associated lipocalin,NGAL
Product Type	ELISA Kit
Immunogen Species	Ovis aries (Sheep)
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	3.9 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Metabolism
Tag Info	quantitative
Protein Description	Competitive
Description	This Sheep NGAL ELISA Kit was designed for the quantitative measurement of Sheep NGAL protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 pg/mL .
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of sheep NGAL in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:200	Average %	92
	Range %	86-95
1:400	Average %	103
	Range %	99-105

1:800	Average %	94
	Range %	88-98
1:1600	Average %	99
	Range %	94-105

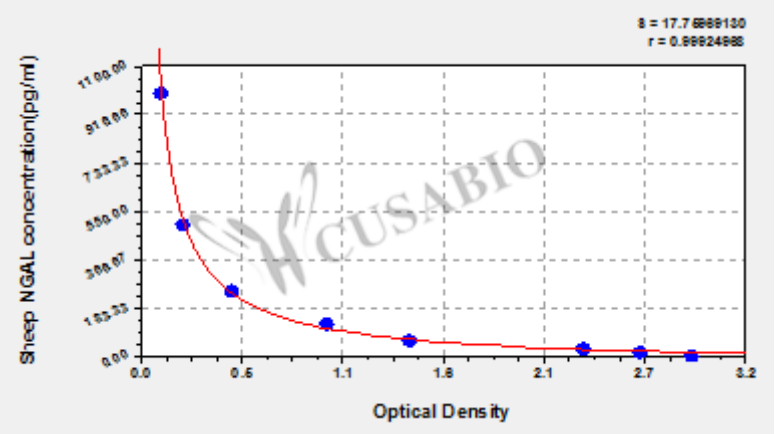
Recovery

The recovery of sheep NGAL spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	94	88-97
EDTA plasma (n=4)	95	88-99

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average
1000	0.115	0.118	0.117
500	0.227	0.231	0.229
250	0.483	0.504	0.494
125	0.956	1.039	0.998
62.5	1.425	1.438	1.432
31.25	2.354	2.366	2.360
15.6	2.652	2.671	2.662
0	2.927	2.945	2.936