



NGAL Antigen (DAG-T1238)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	23 kDa glycosylated protein dimer.
Antigen Description	Lipocalin-2 (LCN2), also known as oncogene 24p3 or neutrophil gelatinase-associated lipocalin (NGAL), is a protein that in humans is encoded by the LCN2 gene. NGAL is involved in innate immunity by sequestering iron that in turn limits bacterial growth. It is expressed in neutrophils and in low levels in the kidney, prostate, and epithelia of the respiratory and alimentary tracts. NGAL is used as a biomarker of kidney injury.
Purity	> 90% by SDS-polyacrylamide electrophoresis.
Applications	Clinical Applications: Elevated NGAL levels in urine have been shown to be indicative of acute renal injury.
Size	0.20 mg
Preservative	None

GENE INFORMATION

Gene Name	LCN2 lipocalin 2 [Homo sapiens]
Official Symbol	LCN2
Synonyms	LCN2; lipocalin 2; lipocalin 2 (oncogene 24p3); neutrophil gelatinase-associated lipocalin; 24p3; neutrophil gelatinase associated lipocalin; NGAL; oncogene 24p3; siderocalin; p25; lipocalin-2; migration-stimulating factor inhibitor; 25 kDa alpha-2-microg
Entrez Gene ID	3934
mRNA Refseq	NM_005564

Protein Refseq	NP_005555
UniProt ID	P80188
Chromosome Location	9q34
Function	binding; iron ion binding; transporter activity;
References	LCN2;lipocalin 2;lipocalin 2 (oncogene 24p3);neutrophil gelatinase-associated lipocalin;24p3;neutrophil gelatinase associated lipocalin;NGAL;oncogene 24p3;siderocalin;p25;lipocalin-2;migration-stimulating factor inhibitor;25 kDa alpha-2-microglobulin-related subunit of MMP-9;MSFI;NP_005555;NM_005564;P80188;