

## SPECIFICATION SHEET

<b>Product Name:</b>	NGAL	<b>Catalog #:</b>	L2K005
<b>Description:</b>	Neutrophil gelatinase-associated lipocalin, NGAL, Also known as human lipid carrier protein 2 (lipocalin 2, Ln2), or ferritin (siderocalin), is a new member of the human lipid transporter family. In recent years, NGAL has attracted much attention as a new marker of renal injury. NGAL binds iron through association with 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin, and delivers or removes iron from the cell, depending on the context. Iron-bound form (holo-24p3) is internalized following binding to the SLC22A17 (24p3R) receptor, leading to release of iron and subsequent increase of intracellular iron concentration.		
<b>Molecular Weight:</b>	26.5KD		
<b>Format:</b>	Liquid		
<b>Purification:</b>	Purified, >90% (SDS-Page)		
<b>Concentration&amp; Lot.:</b>	1.29mg/ml	<b>Lot:</b>	L170501
<b>Buffer:</b>	10mMPBS PH7.4, 1mm EDTA,0.1% SKL		
<b>Preservative:</b>	None		
<b>Applications:</b>	Suitable for use in Immunoassays, Western blot and immunogen for antibody production. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.		
<b>Storage&amp;Shelf life:</b>	Store at -20°C for 3 years. Avoid multiple freeze/thaw cycles.		

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.