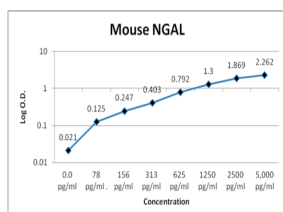


## Mouse Lipocalin-2/NGAL ELISA Kit (2 plates)

|                        |  |
|------------------------|--|
| <b>Catalogue No.:</b>  | BEK-2127-2P  |
| <b>Description:</b>    | The mouse Lipocalin-2/NGAL Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse Lipocalin-2/NGAL antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known Lipocalin-2/NGAL concentration are added to these wells and allowed to complex with the bound Lipocalin-2/NGAL antibody. A biotinylated mouse Lipocalin-2/NGAL polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Lipocalin-2/NGAL present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse Lipocalin-2/NGAL in samples such as sera, plasma, urine and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures. |
| <b>Batch No.:</b>      | See product labels   |
| <b>Antigen:</b>        | The standard and antigen for this Lipocalin-2/NGAL ELISA is recombinant mouse Lipocalin-2/NGAL amino acids 21-N200 produced in an purified from a mammalian cell expression system.  |
| <b>Other Names:</b>    | Neutrophil gelatinase-associated lipocalin; NGAL; Lipocalin-2; SV-40-induced 24P3 protein; p25; Lcn2;  |
| <b>Accession:</b>      | P11672 NGAL_MOUSE;   |
| <b>Applications:</b>   | For quantitative detection of mouse Lipocalin-2/NGAL sera, plasma (heparin), urine and cell culture supernates. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.  |
| <b>Specificity:</b>    | Mouse Lipocalin-2/NGAL   |
| <b>Storage:</b>        | Store at 2-8C  |
| <b>Kit components:</b> | The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.  |
| <b>Range:</b>          | 78 pg/mL - 5,000 pg/mL   |
| <b>Sensitivity:</b>    | < 10 pg/ml   |
| <b>Kit protocol:</b>   | Please refer to our online product listing for current protocol/MSDS versions.   |

IX: Typical Standard Curve (for reference only, not to be used for actual data)

| Concentration<br>pg/ml | 0.0 pg/ml | 78 pg/ml | 156 pg/ml | 313 pg/ml | 625 pg/ml | 1250 pg/ml | 2500 pg/ml | 5000 pg/ml |
|------------------------|-----------|----------|-----------|-----------|-----------|------------|------------|------------|
| O.D.                   | 0.021     | 0.125    | 0.247     | 0.403     | 0.792     | 1.300      | 1.869      | 2.262      |



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY