# LCN2 (Human) ELISA Kit

Catalog # KA0043 Size 1 Kit

## Specification

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|---|---|
| **Product Description** | LCN2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human lipocalin-2. |
| **Suitable Sample** | Plasma (EDTA), Serum, Urine |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugate |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 0.3 to 10 ng/mL |
| **Limit of Detection** | 0.02 ng/mL |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Quantification

## Gene Info — LCN2

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|---|---|
| **Entrez GeneID** | 3934 |
| **Gene Name** | LCN2 |

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|---|---|
| **Gene Alias** | NGAL |
| **Gene Description** | lipocalin 2 |
| **Omim ID** | 600181 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | OTTHUMP00000022238\|OTTHUMP00000022240\|neutrophil gelatinase-associated lipocalin\|oncogene 24p3\|siderocalin |

## Publication Reference

- Clinical value of NGAL, L-FABP and albuminuria in predicting GFR decline in type 2 diabetes mellitus patients.

  Kuei-Mei Chou, Chin-Chan Lee, Chih-Huang Chen, Chiao-Yin Sun.

  PLoS One 2013 Jan; 8(1):e54863.

  Application: ELISA, Human, Serum, urine

- Remote ischemic preconditioning in cyanosed neonates undergoing cardiopulmonary bypass: A randomized controlled trial.

  Jones BO, Pepe S, Sheeran FL, Donath S, Hardy P, Shekerdemian L, Penny DJ, McKenzie I, Horton S, Brizard CP.

  The Journal of Thoracic and Cardiovascular Surgery 2013 Dec; 146(6):1334.

  Application: ELISA, Human, Plasma

## Disease

- Abortion
- Genetic Predisposition to Disease
- Ovarian Neoplasms

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