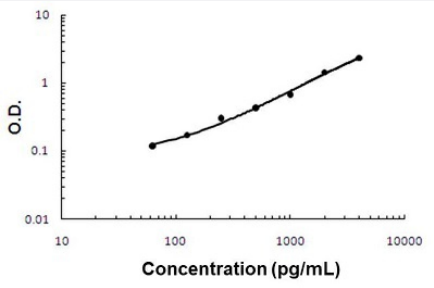
# ENPP2 (Human) ELISA Kit

Catalog # KA5452 Size 1 Kit

## Applications




The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

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| **Product Description** | ENPP2 (Human) ELISA kit is a sandwich enzyme-linked immunosorbent assay for the quantitative m easurement of human ENPP2 in cell culture supernates, serum, plasma (heparin), urine and human milk. |
| **Suitable Sample** | Cell Cuture Supernatants, Human milk, Plasma (heparin), Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 625-40000 pg/mL |
| **Reactivity** | Human |
| **Regulatory Status** | For research use only (RUO) |
| **Quality Control Testing** | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed. |

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| **Storage Instruction** | Store at 4°C for 6 months or at -20°C for 12 months. Avoid repeated freeze-thaw cycles. Centrifuge tubes briefly to spin down all components to the bottom before opening. |

## Applications

- Quantification

## Gene Info — ENPP2

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| **Entrez GeneID** | 5168 |
| **Gene Name** | ENPP2 |
| **Gene Alias** | ATX, ATX-X, AUTOTAXIN, FLJ26803, LysoPLD, NPP2, PD-IALPHA, PDNP2 |
| **Gene Description** | ectonucleotide pyrophosphatase/phosphodiesterase 2 |
| **Omim ID** | 601060 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5' end of oligonucleotides, and a phospholipase, which catalyzes production of lysophosphatidic acid (LPA) in extracellular fluids. LPA evokes growth factor-like responses including stimulation of cell proliferation and chemotaxis. This gene product stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The gene product is secreted and further processed to make the biologically active form. Several alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq |
| **Other Designations** | autotaxin\|autotaxin-t\|phosphodiesterase I/nucleotide pyrophosphatase 2\|plasma lysophospholipase D |

## Pathway

- Ether lipid metabolism

## Disease

- Tobacco Use Disorder