# Igf1 (Rat) ELISA Kit

Catalog # KA0546 Size 1 Kit

## Specification

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| **Product Description** | Igf1 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Igf1. |
| **Suitable Sample** | Cell Culture Supernatant, Cell Lysates, Plasma (heparin, EDTA) and Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 62.5 to 4000 pg/mL |
| **Reactivity** | Rat |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles. |

## Applications

- Quantification

## Gene Info — Igf1

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| **Entrez GeneID** | 24482 |
| **Gene Name** | Igf1 |
| **Gene Alias** | - |
| **Gene Description** | insulin-like growth factor 1 |

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|---|---|
| **Gene Ontology** | Hyperlink |
| **Other Designations** | Insulin-like growth factor II\|somatomedin |

## Publication Reference


- Structure and expression of the human insulin-like growth factor genes.

  Sussenbach JS, Steenbergh PH, Holthuizen P.

  Growth Regulation 1992 Mar; 2(1):1.

- Organization and sequence of the human insulin-like growth factor I gene. Alternative RNA processing produces two insulin-like growth factor I precursor peptides.

  Rotwein P, Pollock KM, Didier DK, Krivi GG.

  The Journal of Biological Chemistry 1986 Apr; 261(11):4828.

- The amino acid sequence of human insulin-like growth factor I and its structural homology with proinsulin.

  Rinderknecht E, Humbel RE.

  The Journal of Biological Chemistry 1978 Apr; 253(8):2769.


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