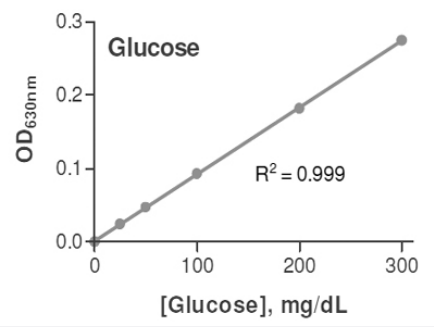
# Glucose Assay Kit

Catalog # KA1648 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

| | |
|---|---|
| **Product Description** | Glucose Assay Kit is a quantitative colorimetric glucose determination at 630 nm. |
| **Suitable Sample** | Biological Sample, Plasma, Serum |
| **Sample Volume** | 5 uL |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 0.7 to 300 mg/dL |
| **Regulation 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. |
| **Storage Instruction** | Store the reagent at room temperature and standard at -20°C. |

## Applications

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- Functional Study

## Publication Reference

- Improvement of hepatic innate immunity in chemically-injured livers to develop hepatocarcinoma by a serine type-protease inhibitors enriched extract from Chenopodium quinoa.

  Maria Alicia Rueda Huélamo, Alba Martínez Perlado, Valeria Consoli, Aurora García-Tejedor, Claudia Monika Haros, José Moisés Laparra Llopis.

  Food & Function 2024 Apr; 15(7):3600.

  Application: Quant, Mouse, Plasma

- Chenopodium quinoa's Ingredients Improve Control of the Hepatic Lipid Disturbances Derived from a High-Fat Diet.

  Aurora Garcia Tejedor, Claudia Monika Haros, Moises Laparra Llopis

  Foods 2023 Sep; 12(17):0.

- Celastrol alleviates high-fat diet-induced obesity via enhanced muscle glucose utilization and mitochondrial oxidative metabolism-mediated upregulation of pyruvate dehydrogenase complex.

  Mohamad Hafizi Abu Bakar, Nor Shafiqah Nor Shahril, Mohamad Shamil Faris Mohamad Khalid, Sharifah Mohammad, Khairul Anuar Shariff, Thiruventhan Karunakaran, Rabeta Mohd Salleh, Mohamad Norisham Mohamad Rosdi.

  Toxicology and Applied Pharmacology 2022 Aug; 449:116099.

  Application: Quant, Mouse, Serum

- Immunonutritional Bioactives from Chenopodium quinoa and Salvia hispanica L. Flour Positively Modulate Insulin Resistance and Preserve Alterations in Peripheral Myeloid Population.

  Raquel Selma-Gracia, Polona Megušar, Claudia Monika Haros, José Moisés Laparra Llopis.

  Nutrients 2021 May; 13(5):1537.

  Application: Func, Mouse, Mouse plasma

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