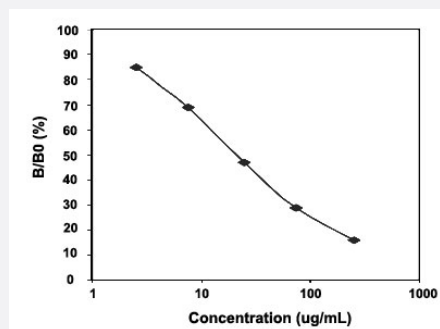


Tryptophan ELISA Kit

Catalog # KA1916 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	Tryptophan ELISA Kit is enzyme immunoassay (ELISA) for the quantitative determination of L-tryptophan in urine, plasma and serum.
Suitable Sample	Plasma, Serum, Urine
Sample Volume	25 uL (prepared samples)
Label	Peroxidase-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.73 to 250 ug/mL
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Publication Reference

- [MUC1 Expression Affects the Immunoflogosis in Renal Cell Carcinoma Microenvironment through Complement System Activation and Immune Infiltrate Modulation.](#)

Giuseppe Lucarelli, Giuseppe Stefano Netti, Monica Rutigliano, Francesco Lasorsa, Davide Loizzo, Martina Milella, Annalisa Schirinzi, Antonietta Fontana, Francesca Di Serio, Roberto Tamma, Domenico Ribatti, Michele Battaglia, Elena Ranieri, Pasquale Ditunno.

International Journal of Molecular Sciences 2023 Mar; 24(5):4814.

Application: ELISA, Quant, Human, Human serum

- [CNS serotonin content mediating food deprivation-enhanced learning is regulated by hemolymph tryptophan concentration and autophagic flux in the pond snail.](#)

Yuki Totani, Junko Nakai, Dai Hatakeyama, Varvara E. Dyakonova, Ken Lukowiak, and Etsuro Ito.

Nutritional Neuroscience 2022 Feb; 1:11.

Application: Quant, Snail, Central nervous system, Hemolymph

- [Tryptophan metabolism is dysregulated in individuals with Fanconi anemia.](#)

Allison L Bartlett, Lindsey Romick-Rosendale, Adam Nelson, Sheyar Abdullah, Nathan Luebbering, Jamen Bartlett, Marion Brusadelli, Joseph S Palumbo, Kelly Lake, Bridget Litts, Alexandra Duell, Annette Urbanski, Adam Lane, Kasiani C Myers, Susanne I Wells, Stella M Davies.

Blood Advances 2021 Jan; 5(1):250.

Application: Quant, Human, Human plasma, Human serum

- [Influence of Xiaoyaosan on depressive-like behaviors in chronic stress-depressed rats through regulating tryptophan metabolism in hippocampus.](#)

Jiao H, Yan Z, Ma Q, Li X, Jiang Y, Liu Y, Chen J.

Neuropsychiatric Disease and Treatment 2018 Dec; 15:21.

Application: Quant, Rat, Rat hippocampal tissue

- [5-HT2A and 5-HT2C receptors as hypothalamic targets of developmental programming in male rats.](#)

Martin-Gronert MS, Stocker CJ, Wargent ET, Cripps RL, Garfield AS, Jovanovic Z, D'Agostino G, Yeo GS, Cawthorne MA, Arch JR, Heisler LK, Ozanne SE.

Disease Models & Mechanisms 2016 Apr; 9(4):401.

Application: ELISA, Rat, Brains, Placentas, Amniotic fluid, Serum