

Serotonin ELISA Kit

Catalog # KA1894

Size 1 Kit

Specification

Product Description	Serotonin ELISA Kit is an enzyme immunoassay for the quantitative determination of Serotonin in serum, urine and platelets.
Suitable Sample	Platelets, Serum, Urine
Sample Volume	25 μ L
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	10.2 to 2,500 ng/mL
Limit of Detection	6.2 ng/mL
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Publication Reference

- [Daidzein Inhibits Human Platelet Activation by Downregulating Thromboxane A2 Production and Granule Release, Regardless of COX-1 Activity.](#)

Hyun-Jin Hong, Gi-Suk Nam, Kyung-Soo Nam.

International Journal of Molecular Sciences 2023 Jul; 24(15):11985.

Application: ELISA, Human, Human Platelet

- [The Effect of a Probiotic Complex on the Gut-Brain Axis: A Translational Study.](#)

Vincenzo Nobile, Silvana Giardina, Francesco Puoci.

Neuropsychobiology 2021 Aug; 1.

Application: Quant, Human, Caco-2 cells

- [Serotonin Levels in the Serum of Persons with Onchocerciasis-Associated Epilepsy: A Case-Control Study.](#)

Melissa Krizia Vieri, An Hotterbeekx, Michel Mandro, Joseph Nelson Siewe Fodjo, Alfred Dusabimana, Francoise Nyisi, Deby Mukendi, Joe Gwatsvaira, Samir Kumar-Singh, Robert Colebunders.

Pathogens 2021 Jun; 10(6):720.

Application: Quant, Human, Human serum

- [Galectin-1 and platelet factor 4 \(CXCL4\) induce complementary platelet responses in vitro.](#)

Annemiek Dickhout, Bibian M E Tullema, Johan W M Heemskerk, Victor L J L Thijssen, Marijke J E Kuijpers, Rory R Koenen.

PLoS One 2021 Jan; 16(1):e0244736.

Application: Quant, Human, Human platelets

- [Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis.](#)

Zuojia Chen, Jialie Luo, Jian Li, Girak Kim, Andy Stewart, Joseph F Urban Jr, Yuefeng Huang, Shan Chen, Ling-Gang Wu, Alexander Chesler, Giorgio Trinchieri, Wei Li, Chuan Wu.

Immunity 2021 Jan; 54(1):151.

Application: Quant, Mouse, Mouse enterochromaffin cells-enriched intestinal organoids, Mouse serum

- [SSRI-reduced platelet reactivity in non-responding patients with life-long Recurrent Depressive Disorder: Detection and involved mechanisms.](#)

Aleksovski B, Neceva V, Vujović V, Manusheva N, Rendeovski V, Novotni A, Filipce A, Spasovska A, Sofijanov A, Aleksovski V, Gjorgoski I.

Thrombosis Research 2018 May; 165:24.

Application: C-ELISA, Human, Platelet

- [Role of estrogen receptor beta in neural differentiation of mouse embryonic stem cells.](#)

Varshney MK, Inzunza J, Lupu D, Ganapathy V, Antonson P, Rüegg J, Nalvarte I, Gustafsson JÅ.

PNAS 2017 Nov; 114(48):E10428.

Application: Quant, Mouse, Midbrain precursor cells

- [Noradrenaline, Serotonin, GABA, and Glycine in Cerebrospinal Fluid during Labor Pain: A Cross-Sectional Prospective Study.](#)

Chalermkitpanit P, Thonnagith A, Engsusophon P, Charuluxananan S, Honsawek S.

Pain Research & Management 2017 Jun; 2017:2752658.

Application: Quant, Human, Cerebrospinal fluid from pregnant women

- [Randomised clinical trial: the analgesic properties of dietary supplementation with palmitoylethanolamide and polydatin in irritable bowel syndrome.](#)

Cremon C, Stanghellini V, Barbaro MR, Cogliandro RF, Bellacosa L, Santos J, Vicario M, Pigrau M, Alonso Cotoner C, Lobo B, Azpiroz F, Bruley des Varannes S, Neunlist M, DeFilippis D, Iuvone T, Petrosino S, Di Marzo V, Barbara G.

Alimentary Pharmacology & Therapeutics 2017 Apr; 45(7):909.

Application: Quant, Human, Patients with irritable bowel syndrome (IBS)

- [The modulation role of serotonin in Pacific oyster *Crassostrea gigas* in response to air exposure.](#)

Dong W, Liu Z, Qiu L, Wang W, Song X, Wang X, Li Y, Xin L, Wang L, Song L.

Fish & Shellfish Immunology 2017 Mar; 62:341.

Application: Quant, *Crassostrea gigas*, Haemolymph of *C. gigas*