

Cotinine ELISA Kit

Catalog # KA0930

Size 1 Kit

Specification

Product Description	Cotinine ELISA Kit is used for the measurement of Cotinine.
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Suitable Sample	Plasma, Serum, Urine or Saliva
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Sample Volume	10 uL
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Label	HRP-conjugate
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Detection Method	Colorimetric
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Calibration Range	5 to 100 ng/mL
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Limit of Detection	1 ng/mL
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Reactivity	Human
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Regulation Status	For research use only (RUO)
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Storage Instruction	Store the kit at 4°C.
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Applications

- Qualitative

Publication Reference

- [Effect of children secondhand smoke exposure associated with GABA concentration: Influence from parents who are extremely heavy smokers in urban households.](#)

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The Science of the Total Environment 2024 Mar; 918:170720.

Application: Quant, Human, Human urine

- [The Impact of Donor Smoking on Primary Graft Dysfunction and Mortality after Lung Transplantation.](#)

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American Journal of Respiratory and Critical Care Medicine 2024 Jan; 209(1):91.

Application: ELISA, Human, Urine

- [The long-term effects of heated tobacco product exposure on the central nervous system in a mouse model of prodromal Alzheimer's disease.](#)

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Scientific Reports 2024 Jan; 14(1):227.

Application: ELISA, Mouse, Serum

- [Clinical Characteristics of Primary Snoring vs Mild Obstructive Sleep Apnea in Children: Analysis of the Pediatric Adenotonsillectomy for Snoring \(PATS\) Randomized Clinical Trial.](#)

Ron B Mitchell, Kaitlyn Cook, Susan Garetz, Ignacio E Tapia, Lisa M Elden, Erin M Kirkham, Jay Shah, Todd Otteson, David Zopf, Raouf Amin, Stacey Ishman, Cristina M Baldassari, Ronald D Chervin, Fauziya Hassan, Kamal Naqvi, Rui Wang, Susan Redline.

JAMA Otolaryngology–Head & Neck Surgery 2024 Feb; 150(2):99.

Application: Quant, Human, Urine

- [Urine antimony and risk of cardiovascular disease - A prospective case-cohort study in Danish Non-Smokers.](#)

Clara G Sears, Erin J Healy, Lissa F Soares, Dana Palermo, Melissa Eliot, Yaqiang Li, Victoria Fruh, Tesleem Babalola, Katherine A James, James M Harrington, Gregory A Wellenius, Anne Tjønneland, Ole Raaschou-Nielsen, Jaymie R Meliker.

Environment International 2023 Nov; 181:108269.

Application: ELISA, Human, Urine

- [Longitudinal analysis of the impact of smoking exposure on atopic indices and allergies in early childhood.](#)

Yi-Wen Wang, Kuo-Wei Yeh, Jing-Long Huang, Kuan-Wen Su, Ming-Han Tsai, Man-Chin Hua, Sui-Ling Liao, Shen-Hao Lai, Chih-Yung Chiu.

The World Allergy Organization Journal 2023 Jul; 16(7):100802.

Application: ELIA, Human, Urine

- [Impact of Adolescent Nicotine Exposure in Pre- and Post-natal Oxycodone Exposed Offspring.](#)

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Journal of Neuroimmune Pharmacology 2023 Jun; [Epub]:0.

Application: Quant, Mouse, Mouse serum

- [Smoking during pregnancy is associated with the placental proteome.](#)

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Reproductive Toxicology 2023 May; 119:108409.

Application: Func, Human, Human serum

- [Maternal Smoking in the First Trimester and its Consequence on the Early Placenta.](#)

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Application: ELISA, Human, Human serum

- [Changes in immunological parameters by ageing in rural healthy Indian adults and their associations with sex and lifestyle.](#)

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Application: Quant, Human, Human serum

- [Digital methylation assessments of alcohol and cigarette consumption account for common variance in accelerated epigenetic ageing.](#)

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Epigenetics 2022 Dec; 17(13):1991.

Application: ELISA, Human, Serum

- [Antibody response of smokers to the COVID-19 vaccination: Evaluation based on cigarette dependence.](#)

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Drug Discoveries & Therapeutics 2022 May; 16(2):78.

Application: Quant, Human, Plasma

- [A novel role for vaping in mitochondrial gene dysregulation and inflammation fundamental to disease development.](#)

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Application: ELISA, Human, Human plasma

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Environmental Research 2021 Aug; 203:111827.

Application: Quant, Human, Human urine samples

- [Urinary cadmium and stroke - a case-cohort study in Danish never-smokers.](#)

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Environmental Research 2021 Sep; 200:111394.

Application: Quant, Human, Human urine samples

- [Oxidative stress induction in woodworkers occupationally exposed to wood dust and formaldehyde.](#)

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Journal of Occupational Medicine and Toxicology 2021 Feb; 16(1):4.

Application: Quant, Human, Human urine

- [Brain health is independently impaired by E-vaping and high-fat diet.](#)

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Brain, Behavior, and Immunity 2021 Feb; 92:57.

Application: Quant, Mouse, Mouse plasma, Mouse serum

- [Lung-derived HMGB1 is detrimental for vascular remodeling of metabolically imbalanced arterial macrophages.](#)

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Nature Communications 2020 Aug; 11(1):4311.

Application: Quant, Mouse, Mouse serum

- [Racial Discrimination, Inflammation, and Chronic Illness Among African American Women at Midlife: Support for the Weathering Perspective.](#)

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Journal of Racial and Ethnic Health Disparities 2021 Apr; 8(2):339.

Application: Quant, Human, Serum

- [Designing new diagnostic systems for the early detection of tobacco-associated chronic renal damage in patients of a primary care centre in Salamanca, Spain: an observational, prospective study protocol.](#)

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BMJ Open 2020 Mar; 10(3):e032918.

Application: Quant, Human, Human blood

- [Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine.](#)

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The Journal of Clinical Investigation 2019 Oct; 129(10):4290.

Application: ELISA, Mouse, Urine

- [Central nicotine induces browning through hypothalamic \$\kappa\$ opioid receptor.](#)

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Nature Communications 2019 Sep; 10(1):4037.

Application: Quant, Human, Human serum

- [Neurological effects in the offspring after switching from tobacco cigarettes to e-cigarettes during pregnancy in a mouse model.](#)

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Toxicological Sciences 2019 Aug; kzf194.

Application: ELISA, Mouse, Plasma

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Application: ELISA, Human, Serum

- [A fractionated analysis of hot and cool self-regulation in cigarette smokers from different socioeconomic backgrounds.](#)

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Application: Quant, Human, Human urine

- [Saliva DNA Methylation Detects Nascent Smoking in Adolescents.](#)

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Journal of Child and Adolescent Psychopharmacology 2019 Aug; 29(7):535.

Application: Quant, Human, Human serum

- [Electronic Cigarette Vapor with Nicotine Causes Airway Mucociliary Dysfunction Preferentially via TRPA1 Receptors.](#)

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Application: Quant, Sheep, Sheep plasma

- [Nicotine enhances alcoholic fatty liver in mice: Role of CYP2A5.](#)

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Archives of Biochemistry and Biophysics 2018 Nov; 657:65.

Application: ELISA, Mouse, Serum, Urine

- [miR-19 in blood plasma reflects lung cancer occurrence but is not specifically associated with radon exposure.](#)

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Oncology Letters 2018 Jun; 15(6):8816.

Application: Quant, Human, Human plasma

- [The contribution of secondhand tobacco smoke exposure to pediatric multiple sclerosis risk.](#)

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Multiple Sclerosis 2018 Feb; 1:1352458518.

Application: ELISA, Human, Serum

- [Cigarette Smoke Increases CD8 \$\alpha\$ + Dendritic Cells in an Ovalbumin-Induced Airway Inflammation.](#)

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Frontiers in Immunology 2017 Jun; 8:718.

Application: Quant, Mouse, Mouse serum

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Application: ELISA, Mouse, Serum

- [Smoking cessation-related weight gain - beneficial effects on muscle mass, strength and bone health.](#)

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Application: ELISA, Human, Urine

- [Evaluation of the Potential Effect of Ellagic Acid on Cotinine and Antioxidant Levels in Nicotine-Induced Rats.](#)

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International Medical Journal 2014 Apr; 21(2):150.

Application: Quant, Rat, Rat serum

- [High plasma thiocyanate levels modulate protein damage induced by myeloperoxidase and perturb measurement of 3-chlorotyrosine.](#)

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Application: Quant, Human, Human plasma