Datasheet for ABIN1326827

Cotinine ELISA Kit

19 Publications

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Overview

Quantity:	96 tests
Target:	Cotinine
Reactivity:	Human
Method Type:	Competition ELISA
Application:	ELISA

Product Details

Purpose:	The Cotinine Blood Test kit is a solid phase competitive ELISA. The samples and Cotinine enzyme conjugate are added to the wells coated with anti-Cotinine antibody. Cotinine in the samples competes with a Cotinine enzyme (HRP) conjugate for binding sites. Unbound Cotinine and Cotinine enzyme conjugate is washed off by washing step. Upon the addition of the substrate, the intensity of color is inversely proportional to the concentration of Cotinine in the samples obtained with the Cotinine blood test. A standard curve is prepared relating color intensity to the concentration of the Cotinine.
Sample Type:	Saliva, Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Target Details

Target:	Cotinine
Abstract:	Cotinine Products

Target Details

Target Type:	Chemical
Background:	Exposure to tobacco smoke can be detected by measuring nicotine and its metabolites using a Cotinine test. Nicotine has a short half life and is not used as a marker for tobacco smoke exposure. Cotinine, due to its longer half life, has been used in research as a reliable marker for smoking status and smoking cessation studies.The Cotinine Blood Test Direct ELISA Kit is designed for the detection of Cotinine in serum and urine. It can also be adapted for other fluids.

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Ohkusu-Tsukada, Ohta, Kawakami, Toda: "Adjuvant effects of formalin-inactivated HSV through activation of dendritic cells and inactivation of myeloid-derived suppressor cells in cancer immunotherapy." in: **International journal of cancer. Journal international du cancer**, Vol. 128, Issue 1, pp. 119-31, (2010) (PubMed). Klee, Finlay, McDonald, Attewell, Hebrink, Dyer, Love, Vasmatzis, Li, Beechem, Klee: " Bioinformatics methods for prioritizing serum biomarker candidates." in: **Clinical chemistry**, Vol. 52, Issue 11, pp. 2162-4, (2007) (PubMed). There are more publications referencing this product on: Product page