Datasheet for ABIN1326894

Triiodothyronine T3 ELISA Kit

2 Publications

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Overview

Quantity:	96 tests
Target:	Triiodothyronine T3 (T3)
Binding Specificity:	Whole Molecule
Reactivity:	Rat, Mouse
Method Type:	Competition ELISA
Application:	ELISA

Product Details

Purpose:	The MouseRat T3 is a solid phase competitive ELISA. The samples, the working T3 enzyme conjugate, diluted in assay diluent, are added to the wells coated with anti-T3 polyclonal antibody. T3 in the patient's serum competes with a T3 enzyme (HRP) conjugate for binding sites. Unbound T3 and T3 enzyme conjugate is washed off by wash buffer during a wash step. Upon the addition of the substrate, the intensity of color is inversely proportional to the concentration of T3 in the samples. A standard curve generated relating color intensity to the concentration of the T3.
Sample Type:	Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Target Details

Target:	Triiodothyronine T3 (T3)

Target Details

Alternative Name:	T3 (T3 Products)
Target Type:	Amino Acid
Background:	Triiodothyronine (T3) is a useful marker for the diagnosis of hypothyroidism and hyperthyroidism. The level of T3 is decreased in hypothyroid and is increased in hyperthyroid conditions.

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Mitra, Das, Huynh, Jones: "Jumonji/ARID1 B (JARID1B) protein promotes breast tumor cell cycle progression through epigenetic repression of microRNA let-7e." in: **The Journal of biological chemistry**, Vol. 286, Issue 47, pp. 40531-5, (2011) (PubMed). Hayami, Yoshimatsu, Veerakumarasivam, Unoki, Iwai, Tsunoda, Field, Kelly, Neal, Yamaue, Ponder, Nakamura, Hamamoto: "Overexpression of the JmjC histone demethylase KDM5B in human carcinogenesis: involvement in the proliferation of cancer cells through the E2F/RB pathway." in: **Molecular cancer**, Vol. 9, pp. 59, (2010) (PubMed). Xiang, Zhu, Han, Ye, Xu, Peng, Ma, Yu, Lin, Chen, Chen: "JARID1B is a histone H3 lysine 4 demethylase up-regulated in prostate cancer." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 104, Issue 49, pp. 19226-31, (2007) (PubMed).