ADMA (human) ELISA kit

The ADMA (human) ELISA kit is a complete assay for the quantitative determination of ADMA concentration. This kit is to be used with serum, citrate- and EDTA-plasma from human origin. The ADMA (human) ELISA has no cross-reactivity with SDMA, NMMA or L-arginine.

Asymmetric dimethylarginine (ADMA) is an endogenous inhibitor of nitric oxide (NO) synthesis. NO is one of the major endothelium-derived vasoactive mediators and is involved in the modulation of blood flow and blood pressure. Even small changes of ADMA concentration alter vascular NO production, vascular tone, and systemic vascular resistence. Elevated ADMA concentrations are found in patients with diabetes mellitus, hypercholeste-rolemia, hypertension, pulmonary hypertension, peripheral arterial disease, chronic renal failure, preeclampsia or erectile dysfunction. ADMA is therefore a cardiovascular risk factor.

Citations: 11 View Online »

Ordering Information

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ALX-850-323-KI01	96 wells

Manuals, SDS & CofA

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Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	ELISA
Application Notes	For the quantitative determination of asymmetrical dimethylarginine (ADMA) in human serum, citrate- and EDTA-plasma. Does not cross-react with SDMA, NMMA or L-arginine.
Assay Time	15 to 20 hours + 1 hour
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Quantity	96 wells (~80 tests).
Sensitivity	0.05µmol/l (expected value: 0.45µmol/l ± 0.19µmol/l)
Species Reactivity	Human
Wavelength	450 nm

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