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Hypertension ELISA (11,12-DHET) kit

Cat # DH 4: ELISA kit for measuring 11,12-DHET in biological samples

This competitive ELISA kit is for determination of 11,12-DHET levels in biological samples. Anti-11,12-DHET does not cross-react with 5(s)15(S)DiHETE and arachidonic acid (AA) and minimally cross-reacts with 8,9- and 14,15-DHETs. The 11,12-DHET is a metabolite of soluble epoxide hydrolase (sEH)-mediated metabolism of the 11,12-EET, which is generated by AA epoxygenase activity of cytochromes P450. The 11,12-DHET plays a critical role in vasorelaxation mediated by endothelial cell large-conductance Ca^{2+} -activated K^+ (BK_{Ca}) channels. EETs also have potent antiapoptosis activity, inhibit platelet aggregation, and promote fibrinolysis.

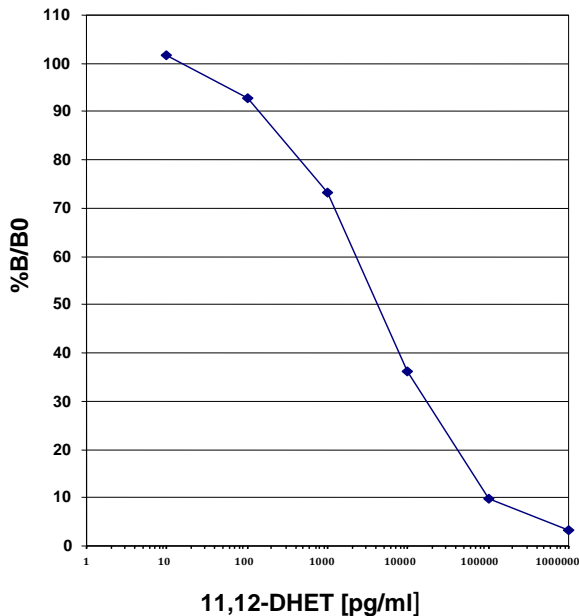
Each kit is suitable for triplicate analyses of up to 24 samples and contains one 96 well plate, one vial of 11,12-DHET standard, one vial of 11,12-DHET-conjugated horseradish peroxidase (HRP), and buffers for sample and HRP dilutions, and plate washing.

Two Other Hypertension ELISA kits:

- 20 HETE Hypertension ELISA kit
- 14,15-DHET Hypertension ELISA kit

Oxidative Stress ELISA Kit:

- 8-iso $PGF_{2\alpha}$ (isoprostane) ELISA kit



References

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