15-HETE Cancer/Hypertension ELISA kit

Cat # 15H 1: ELISA kit for measuring 15-HETE in biological samples: $272

This competitive ELISA kit is for determination of 15-HETE (15-hydroxyeicosatetraenoic acid) levels in biological samples. The specificity of the 15-HETE ELISA was investigated using authentic 15-HETE and fatty acids which, based on their structure, might be anticipated to compete with 15-HETE for binding to antibodies against 15-HETE. Anti-15-HETE does not cross-react with 12-HETE or 20-HETE.

15-HETE is formed from arachidonic acid (AA) by 15-lipoxygenase (LOX) activity (1). It has been shown that 15-HETE is involved in a variety of pathological conditions including cancer (2), hypertension (3), allergic rhinitis (4) and arthritis (5). Interestingly, 15-LOX also produces lipoxins A4 and B4. This 15(S)-HETE ELISA can also be used for measurements of 15-LOX activity.

This competitive ELISA can be used for triplicate analyses of up to 24 samples and contains one 96 well plate, one vial of 15-HETE standard, one vial of 15-HETE-conjugated HRP and buffers for sample and HRP dilutions, and plate washing.

Buy in Quantity and Save! 2-3 kits $258 each; 5-9 kits $245 each; 10 or more kits $231 each

Related Products

Hypertension/Stroke ELISA kits:
- 14,15-DHET Hypertension/Stroke ELISA
- 11,12-DHET Hypertension/Stroke ELISA
- 20-HETE Hypertension/Stroke ELISA

Cancer/Hypertension ELISA Kit:
- 12-HETE ELISA
- Oxidative Stress ELISA Kit:
  - 8-isoprostanate ELISA

References


