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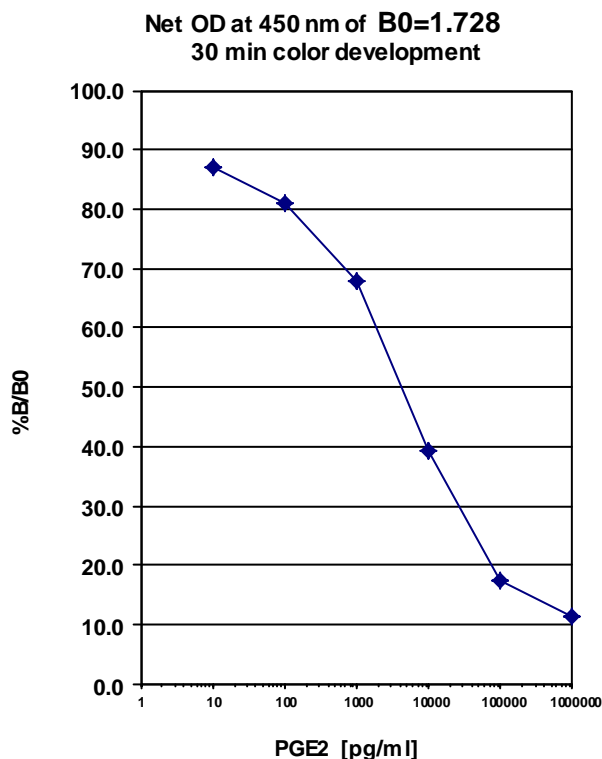
Prostaglandin E₂ (PGE₂) ELISA Kit with Immunoaffinity Columns

Cat # PGE1-IA: ELISA kit for measuring 8-isoprostane in biological and environmental samples: **\$497**

This is the same ELISA kit as our Cat# PGE1 kit only we have added 10 immunoaffinity columns for one-step purification of PGE₂. Each immunoaffinity column can bind up to 1 microgram of PGE₂. No extraction with organic solvents is necessary.

Buy in Quantity and Save! 2-4 kits \$472 each; 5-9 kits \$447 each; 10 or more kits \$422 each

This competitive ELISA kit is for determination of PGE₂ (Prostaglandin E₂) levels in biological samples. The specificity of the PGE₂ ELISA was investigated using authentic PGE₂ and fatty acids which, based on their structure, might be anticipated to compete with PGE₂ for binding to antibodies against PGE₂. The anti- PGE₂ antibody showed virtually no cross-reactivity with other tested eicosanoids (see Table 1).



Related Products

Hypertension/Stroke ELISA kits:

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

Cancer ELISA Kits:

- NAG-1 (MIC-1, GDF15) Cancer ELISA
- 12-HETE Cancer ELISA
- 15-HETE Cancer ELISA

Oxidative Stress ELISA Kit:

- 8-isoprostane ELISA

Table1. Specificity of PGE₂ ELISA

Eicosanoids	% Binding of control
PGE ₂	100.00
20-hydroxy PGE ₂	1.16
11-deoxy PGE ₂	<0.01
20-HETE	<0.01
12-HETE	<0.01
15-HETE	<0.01
8-isoprostane	<0.01
14,15-DHET	<0.01
11,12-DHET	<0.01

