



EAGLE
BIOSCIENCES

Anti-8-epi-PGF_{2α}

Catalog Number: 8PG00-A100

Aliquot: 0.1 mg

Storage: -80°C

PRODUCT SPECIFICATION SHEET

DESCRIPTION:	This polyclonal antibody is produced in goat and is provided purified IgG specific for 8-epi-PGF _{2α} (8-Isoprostane, 15-f _{2t} -Isoprostane).
MOLECULAR WEIGHT:	354.5 Da calculated
CONCENTRATION:	1.0 mg/mL
STORAGE BUFFER:	TBS
STORAGE:	-80°C. AVOID REPEATED FREEZE THAWS
IMMUNOGEN:	Synthesized 8-epi-PGF _{2α}
PURIFICATION:	Ammonium Sulfate Fractionation
CLASS:	IgG
APPLICATIONS:	This antibody has been tested and exhibits utility in ELISA applications.
SPECIES SPECIFICITY:	Not species specific.

ANALYTE SPECIFICITY:	<u>Analyte</u>	<u>Reactivity</u>
	8-epi-PGF _{2α}	100%
	9α, 11β-PGF _{2α}	4.1%
	13, 14-dihydro-15-keto-PGF _{2α}	3.0%
	9β, 11α-PGF _{2αα}	<0.01%
	PGF _{1α1a}	<0.01%
	6-keto-PGF _{1α1a}	<0.01%
	PGE ₂	<0.01%
	PGD ₂	<0.01%
	Arachidonic Acid	<0.01%

Product Developed and Manufactured in the USA

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