

Product Specification Sheet

Anti-8-epi-PGF_{2α}
Product Number: IS20
Aliquot: 0.1 mg
Lot Number: is20.090709
Storage: -80°C

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, WB, and IHC 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 _{2α}	<0.01%
	PGF _{1-1a}	<0.01%
	6-keto-PGF _{1-1a}	<0.01%
	PGE ₂	<0.01%
	PGD ₂	<0.01%
	Arachidonic Acid	<0.01%