



Bovine lactoperoxidase (LPO) ELISA kit

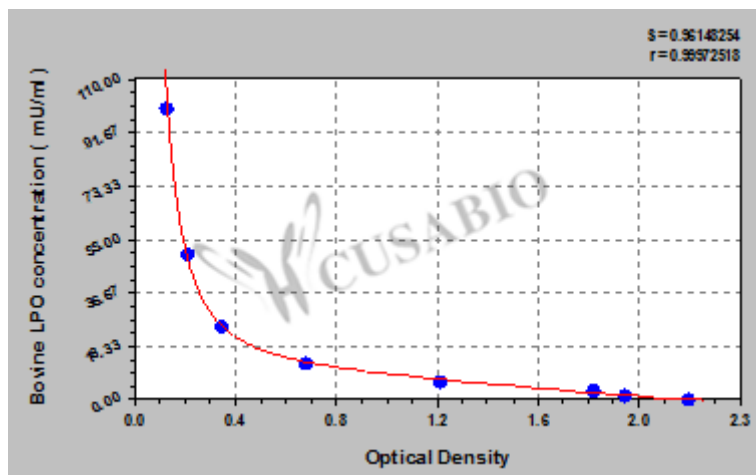
Product Code	CSB-EL013066BO
Abbreviation	LPO
Protein Biological Process 1	Oxidative Stress
Target Name	lactoperoxidase
Uniprot No.	P80025
Alias	MGC129990, MGC129991, SPO, salivary peroxidase
Product Type	ELISA Kit
Immunogen Species	Bos taurus (Bovine)
Protein Biological Process 3	Hydrogen peroxide
Sample Types	breast milk
Detection Range	1.56 mU/mL-100 mU/mL
Sensitivity	1.56 mU/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Gene Names	LPO
Tag Info	quantitative
Protein Description	Competitive
Description	This Bovine LPO ELISA Kit was designed for the quantitative measurement of Bovine LPO protein in breast milk. It is a Competitive ELISA kit, its detection range is 1.56 mU/mL-100 mU/mL and the sensitivity is 1.56 mU/mL.
Target Details	This gene encodes an oxidoreductase secreted from salivary, mammary, and other mucosal glands that functions as a natural antibacterial agent. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10%



Three samples of known concentration were tested in twenty assays to assess.

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



mU/ml	OD1	OD2	Average
100	0.142	0.136	0.139
50	0.215	0.219	0.217
25	0.356	0.342	0.349
12.5	0.679	0.669	0.674
6.25	1.191	1.182	1.187
3.12	1.769	1.781	1.775
1.56	1.912	1.885	1.899
0	2.123	2.154	2.139