





Human casein alpha s1 (CSN1S1) ELISA kit

delivery via DHL or FedEx. Research Area Cell Biology Gene Names CSN1S1 Tag Info quantitative Protein Description Competitive Description This Human CSN1S1 ELISA Kit was designed for the quantifection of Human CSN1S1 protein in breast milk. It is a Competitive detection range is 37.5 μg/mL-600 μg/mL and the sensitive detection range is 37.5 μg/mL of the quantifection of known concentration were tested twenting assess. Inter-assay Precision (Precision between assays): CV%<8 Three samples of known concentration were tested in twe assess. Linearity To assess the linearity of the assay, samples were spiked concentrations of human CSN1S1 in various matrices and				
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assay. Sample Breast milk(n=4) Average % 90	Linearity	Sample Breast milk(n=4) Average % 90		

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1:20	Average %	93
1:40	Range %	89-99
	Average %	95
1:80	Range %	90-107
	Average %	92
1.00	Range %	87-103

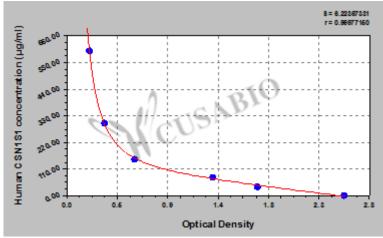
Recovery

The recovery of human CSN1S1 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Breast milk (n=5)	95	87-101

Typical

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



μg/ml OD1 OD2 Average

600 0.215 0.233 0.224

300 0.349 0.374 0.362

150 0.655 0.612 0.634

75 1.358 1.326 1.342

37.5 1.764 1.727 1.746

2.631 2.419 2.525