



Human early prostate cancer antigen 2 (EPCA2) ELISA kit

Product Code	CSB-EQ027679HU																								
Abbreviation	EPCA2																								
Target Name	early prostate cancer antigen 2 (EPCA2)																								
Product Type	ELISA kit																								
Immunogen Species	Homo sapiens (Human)																								
Sample Types	serum, plasma, tissue homogenates																								
Detection Range	12.5 ng/mL-400 ng/mL																								
Sensitivity	6.25 ng/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	Others																								
Tag Info	quantitative																								
Protein Description	Sandwich																								
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<20% Three samples of known concentration were tested in twenty assays to assess.</p>																								
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of human EPCA2 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td rowspan="2">1:1</td><td>Average %</td><td>90</td></tr> <tr> <td>Range %</td><td>82-96</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>92</td></tr> <tr> <td>Range %</td><td>87-96</td></tr> <tr> <td rowspan="2">1:4</td><td>Average %</td><td>95</td></tr> <tr> <td>Range %</td><td>90-100</td></tr> <tr> <td rowspan="2">1:8</td><td>Average %</td><td>95</td></tr> <tr> <td>Range %</td><td>87-101</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	90	Range %	82-96	1:2	Average %	92	Range %	87-96	1:4	Average %	95	Range %	90-100	1:8	Average %	95	Range %	87-101
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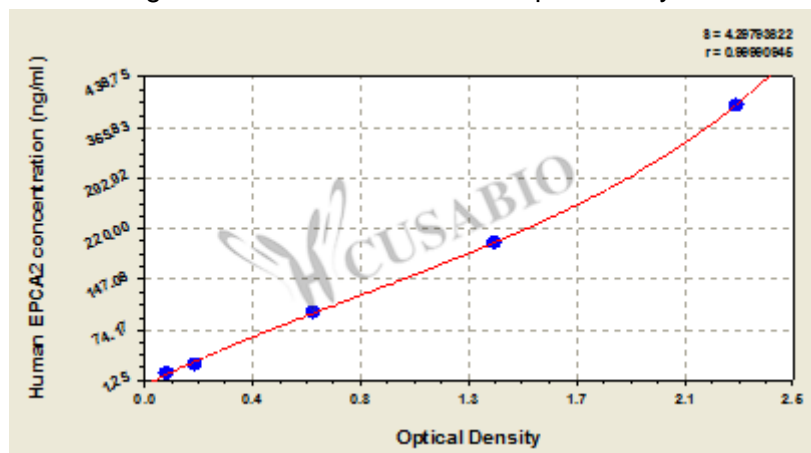
Recovery

The recovery of human EPCA2 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
Serum (n=5)	97	89-103
EDTA plasma (n=4)	99	95-105

Typical

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



ng/ml	OD1	OD2	Average
400	2.238	2.345	2.292
200	1.362	1.354	1.358
100	0.669	0.651	0.660
25	0.195	0.205	0.200
12.5	0.094	0.097	0.096

Msds

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