

## Product datasheet for EA100567

### Cea

#### Product data:

|                   |   |
|-------------------|---|
| Product Type:     | ELISA Kits  |
| Description:      | Human CEA ELISA Kit   |
| Size:             | 1 x 96 wells  |
| Assay Type:       | Sandwich ELISA kit of Quantitative Detection for Human CEA  |
| Assay Length:     | 3.5 hours incubations; 1 hour washing and analyzing samples   |
| Signal:           | Colorimetric  |
| Curve Range:      | 312pg/ml-20,000pg/ml  |
| Sample Type:      | Cell culture supernates, serum and plasma(heparin, EDTA).   |
| Sample Volume:    | 100 ul  |
| Specificity:      | This kit is used for quantitative detection of human CEA  |
| Sensitivity:      | <10pg/ml  |
| Reactivity:       | Human   |
| Cross Reactivity: | There is no detectable cross-reactivity with other relevant proteins.   |
| Interference:     | No significant interference observed with available related molecules.  |
| Components:       | <ul style="list-style-type: none"><li>● 96-well plate precoated with anti- human CEA antibody 1</li><li>● Lyophilized recombinant human CEA standard 20ng/tubex2</li><li>● Biotinylated anti- human CEA antibody 130ul(dilution 1:100)</li><li>● Avidin-Biotin-Peroxidase Complex(ABC) 130ul(dilution 1:100)</li><li>● Sample diluent buffer 30ml</li><li>● Antibody diluent buffer 12ml</li><li>● ABC diluent buffer 12ml</li><li>● TMB color developing agent 10ml</li><li>● TMB stop solution 10ml</li></ul> |
| Background:       | Carcinoembryonic antigen(CEA) is a complex immunoreactive glycoprotein with a molecular weight of 180,000 comprising 60% carbohydrate. It is found in adenocarcinomas of endodermally derived digestive system epithelia and in fetal colon.Carcinoembryonic antigen is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma.   |



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Gene Symbol: Cea  
Gene ID: 111518