

## Product datasheet for **EA102385**

### Human oncomodulin (OCM) ELISA KIT (1 x 96 wells)

#### Product data:

Product Type:	ELISA Kits
Description:	For quantitative detection of human Oncomodulin in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich ELISA kit of Quantitative Detection for human Oncomodulin
Assay Length:	3.5 hours incubations; 1 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	31.2pg/ml-2000pg/ml
Specificity:	This kit is used for quantitative detection of human Oncomodulin
Sensitivity:	<10pg/ml
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Components:	<ul style="list-style-type: none"> <li>• 96-well plate precoated with anti- human Oncomodulin antibody   1</li> <li>• Lyophilized recombinant human Oncomodulin standard   2ng/tube×2</li> <li>• Biotinylated anti- human Oncomodulin antibody   130µl(dilution 1:100)</li> <li>• Avidin-Biotin-Peroxidase Complex (ABC)   130µl(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> <li>• Adhesive cover   4</li> </ul>
Background:	Oncomodulin, also known as OCM, is an oncodevelopmental protein found in early embryonic cells in the placenta and also in tumors. The human gene for oncomodulin is located on chromosome 7. It is a parvalbumin- family calcium-binding protein expressed and secreted by macrophages that typically traffic to tissue as an inflammatory response or after injury. Oncomodulin promotes axon regeneration in retinal ganglion cells and maintains functioning in mouse cochlear hair cells.



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Gene Symbol: OCM

Gene ID: 654231