

## Product Datasheet

### Human PAPP2 ELISA Kit (orb776898)

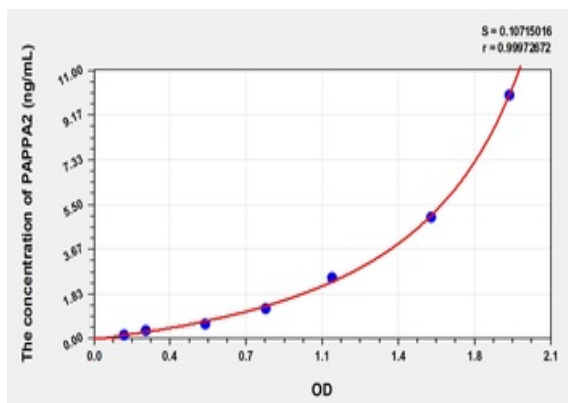
<b>Description</b>	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pappalysin 2(PAPP2).
<b>Reactivity</b>	Human
<b>Range</b>	0.16-10 ng/mL
<b>Tested Applications</b>	ELISA
<b>Concentration</b>	10 ng/mL
<b>Note</b>	For research use only
<b>Application notes</b>	standard: 10 ng/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PAPP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PAPP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human PAPP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Human PAPP2 in the samples is then determined by comparing the OD of the samples to the standard curve
<b>Sample Types</b>	Serum, plasma and other biological fluids
<b>Uniprot ID</b>	<b>Q9BXP8</b>
<b>Sensitivity</b>	0.059 ng/mL
<b>Expiration Date</b>	Please enquire.

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