

## Product Datasheet

# Mouse Aryl Hydrocarbon Receptor (AhR) ELISA Kit (orb1736792)

<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 Mouse AhR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse AhR. 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 Mouse AhR, 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 $450\text{nm} \pm 10\text{nm}$ . The concentration of Mouse AhR in the samples is then determined by comparing the OD of the samples to the standard curve.
<b>Reactivity</b>	Mouse
<b>Range</b>	78.13-5000 pg/mL
<b>Concentration</b>	5000 pg/mL
<b>Note</b>	For research use only
<b>Application notes</b>	standard: 5000 pg/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 Mouse AhR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse AhR. 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 Mouse AhR, 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 $450\text{nm} \pm 10\text{nm}$ . The concentration of Mouse AhR in the samples is then determined by comparing the OD of the samples to the standard curve
<b>Sample Types</b>	Tissue homogenates, cell lysates and other biological fluids

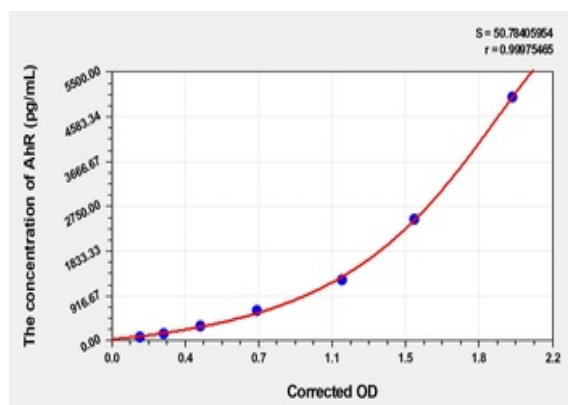
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<b>Assay Time</b>	3.5h
<b>Sensitivity</b>	28 pg/mL
<b>Expiration Date</b>	Please enquire.

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