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## Product Datasheet

### Mouse Dehydroepiandrosterone sulfate (DHEA-S) ELISA Kit BYT-ORB1946784

Article Name	Mouse Dehydroepiandrosterone sulfate (DHEA-S) ELISA Kit
Biozol Catalog Number	BYT-ORB1946784
Supplier Catalog Number	orb1946784
Alternative Catalog Number	BYT-ORB1946784-48,BYT-ORB1946784-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Dehydroepiandrosterone sulfate (DHEA-S) ELISA Kit...
Range	6.25-400ng/mL
Sensitivity	3.75 ng/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	DHEA-S

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Mouse DHEA-S. During the reaction, Mouse DHEA-S in the sample or standard competes with a fixed amount of Mouse DHEA-S on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse DHEA-S. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of Mouse DHEA-S in tested samples can be calculated by comparing the OD of the samples to the standard curve