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## Product Datasheet

### EliKine(TM) Thyroxine (T4) ELISA Kit ASC-KTE0007

Article Name	EliKine(TM) Thyroxine (T4) ELISA Kit
Biozol Catalog Number	ASC-KTE0007
Supplier Catalog Number	KTE0007
Alternative Catalog Number	ASC-KTE0007-48, ASC-KTE0007-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine, Canine, Gallus, Goat, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
Product Description	EliKine(TM) T4 ELISA Kit employs a competitive ELISA to quantitate T4....
Range	20 ng/ml-320 ng/ml
Sensitivity	10 ng/ml
Tag	T4
Samples	Serum Plasma Other biological fluids

Application Notes

EliKine(TM) T4 ELISA Kit employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to T4. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated T4. A competitive inhibition reaction is launched between T4 (Standards or samples) and Biotin-conjugated T4 with the pre-coated antibody specific for T4. The more amount of T4 in samples, the less antibody bound by Biotin-conjugated T4. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of T4 in the sample. The color development is stopped and the intensity of the color is measured.