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## Product Datasheet

### EliKine(TM) Free Thyroxine (fT4) ELISA Kit ASC-KTE0005

Article Name	EliKine(TM) Free Thyroxine (fT4) ELISA Kit
Biozol Catalog Number	ASC-KTE0005
Supplier Catalog Number	KTE0005
Alternative Catalog Number	ASC-KTE0005-48, ASC-KTE0005-96
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) fT4 ELISA Kit employs a competitive ELISA to quantitate fT4....
Range	4 pmol/L-64 pmol/L
Sensitivity	4.0 pmol/L
Tag	fT4
Samples	SerumPlasmaOther biological fluids

Application Notes

EliKine(TM) fT4 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 fT4. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated fT4. A competitive inhibition reaction is launched between fT4 (Standards or samples) and Biotin-conjugated fT4 with the pre-coated antibody specific for fT4. The more amount of fT4 in samples, the less antibody bound by Biotin-conjugated fT4. 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 fT4 in the sample. The color development is stopped and the intensity of the color is measured.