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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                    | Serum Plasma Other 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.