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## T4-OVA

Catalog Number: bs-0706PA

Concentration: 1mg/ml

AA Seq: Coupling protein

Tags: N/A

Activity: No

Endotoxin: Not analyzed

Form: Liquid

Storage: 0.01M TBS(pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Hormone produced by the thyroid glands to regulate metabolism by controlling the rate of oxidation in cells. Cases of hypothyroidism, where the gland is insufficiently active, can be treated by administration of thyroxine or a combination of thyroxine and triiodothyronine. L-Thyroxine (T4) and triiodo-L-thyronine (T3) are iodine-containing hormones produced from thyroglobulin in the thyroid follicular cells. The stimulation of metabolic rate and regulation of growth and development by these hormones appear to be due to their effects on DNA transcription and, thus, protein synthesis.