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## T4/L-Thyroxine

产品编号: bs-0706P

CAS: 51-48-9

保存条件: Store at 2-8°C. Protect from light.

产品介绍: 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.

甲状腺素 (Thyroxine, T4) 是甲状腺分泌最多的一种激素, 血液中的T4全部由甲状腺分泌而来, 故血液中T4的浓度能很好地反应甲状腺功能状态。正常情况下, 血液中60%的T4与甲状腺素结合球蛋白 (TBG) 结合, 30%与甲状腺素结合前蛋白 (TBPA) 结合, 其余约10%与白蛋白结合, 仅约0.03-0.04%呈游离状态。由于T4与TBG亲和力较高, 所以血中T4的水平最易受到TBG的影响。