

Somatotropic hormone STH

General:

STH is produced in the pituitary gland and stimulates growth. It has an anti-insulinic, anabolic, anti-sodiumuretic and lipolytic effect. Due to its short half-life (15 to 20 min.) it is episodically released. In aged persons the secretion is diminished ("somatic break"). Indirect signs of reduced endogenous growth hormone secretion are the decrease of IGF-1 and IGFBP-3 concentrations (stable parameters).

Material: 1 ml serum, **frozen**

TAT: 5-7 days*

Method: LIA

Units: ng/ml

Ref.- range: see report

Note: when suspecting STH-deficiency the application of GHRH stimulation test is recommended

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit
<http://www.fml-dubai.com/parameter-listings/>