

THYROID FUNCTION AND SEX HORMONE MARKERS

Items information

	Product name	Certificate	Clinical value	Detection range	Sample type
Thyroid Function	Thyroid-stimulating Hormone test (TSH)	CE, NMPA	TSH is a sensitive indicator that reflects thyroid function. In the hyperactivity of primary thyroid function, TSH secretion is suppressed. In primary thyroid dysfunction, TSH secretion level increases.	0.1-100 mIU/L	serum, plasma
	Thyroxine test (T4)	CE, NMPA	Evaluate serum thyroid hormone level, higher in hyperthyroidism, and lower in the thyroid dysfunction.	10-240ng/mL	serum, plasma
	Triiodothyronine test (T3)	CE, NMPA		0.25-6ng/mL	serum, plasma
	Free Thyroxine test (FT4)	CE, NMPA		1.0-76pg/mL	serum, plasma
	Free Triiodothyronine test (FT3)	CE, NMPA	0.95-32pg/mL	serum, plasma	
	Thyroglobulin Antibody test (TGAb)	CE, NMPA	Complementary diagnosis of autoimmune thyroid disease.	15-4000IU/mL	serum, plasma
	Antithyroid Peroxidase Autoantibody test (TPOAb)	CE, NMPA		5.0-600IU/mL	serum, plasma
Sex Hormone	Follicle-stimulating hormone test (FSH)	CE, NMPA	The most important hormone to stimulate follicular development and promote the secretion of estrogen.	0.5-200IU/L	serum, plasma
	Luteinizing Hormone test (LH)	CE, NMPA	Stimulate ovulation, maintain luteal function, promote the secretion of estrogen.	1-200IU/L	serum, plasma
	Prolactin test (PRL)	CE, NMPA	In the late pregnancy and lactation period, the secretion of prolactin is strong to promote mammary gland development and lactation.	5-5000 mIU/L	serum, plasma
	Estradiol test (E2)	CE, NMPA	Promoting female gender development; Maintaining female secondary sexual characteristics; Inhibit osteoporosis.	10-3000 pg/mL	serum, plasma
	Testosterone test (T)	CE, NMPA	Promoting male sex development; Maintaining male secondary sexual characteristics; Inhibit osteoporosis.	0.1-15ng/mL	serum, plasma
	Progesterone test (P)	CE, NMPA	Inhibit ovulation, promote endometrial secretion, facilitate the implantation of fertilized eggs, maintain pregnancy.	0.1-50ng/mL	serum, plasma
	β -Human Chorionic Gonadotropin (β -HCG)	CE, NMPA	Diagnosis of early pregnancy, ectopic pregnancy, mole, chorionic epithelial carcinoma, prognosis estimation of threatened abortion.	2-15000mIU/mL	serum, plasma
	Anti-Mullerian hormone test (AMH)	CE, NMPA	Detection of ovarian reserve, prediction of ovarian stimulation response, auxiliary diagnosis of polycystic ovary syndrome.	0.05-23ng/mL	serum
	Inhibin B test (Inhibin B)	CE, NMPA	It is used for the detection of female infertility caused by ovarian factors and male infertility caused by flexure seminal duct dysfunction.		serum, plasma

MONO-TEST CHEMILUMINESCENCE FOR PRECISION & ECONOMY



MQ 60 smart



MQ 60 proB



MQ 60 plus

PRECISE

- ALP-AMPPD magnetic particle chemiluminescence
- Multiple quality controls available
- CV batch-to-batch $\leq 5\%$

FLEXIBLE

- Free parameters combination
- Standalone testing units

ECONOMY

- Single cartridge, no hidden cost
- No liquid circuit, limited maintenance

COMPACT

- Compact design suitable for small to large laboratories, clinical departments
- Diverse parameters covering cardiac diseases, tumor markers, fertility, thyroid, etc.

USER-FRIENDLY

- Large touch screen
- Fully automated, simple steps for operation

APPLICABLE DEPARTMENT



Endocrinology



Reproduction



obstetrics and gynecology



pediatrics



urology



andrology

etc