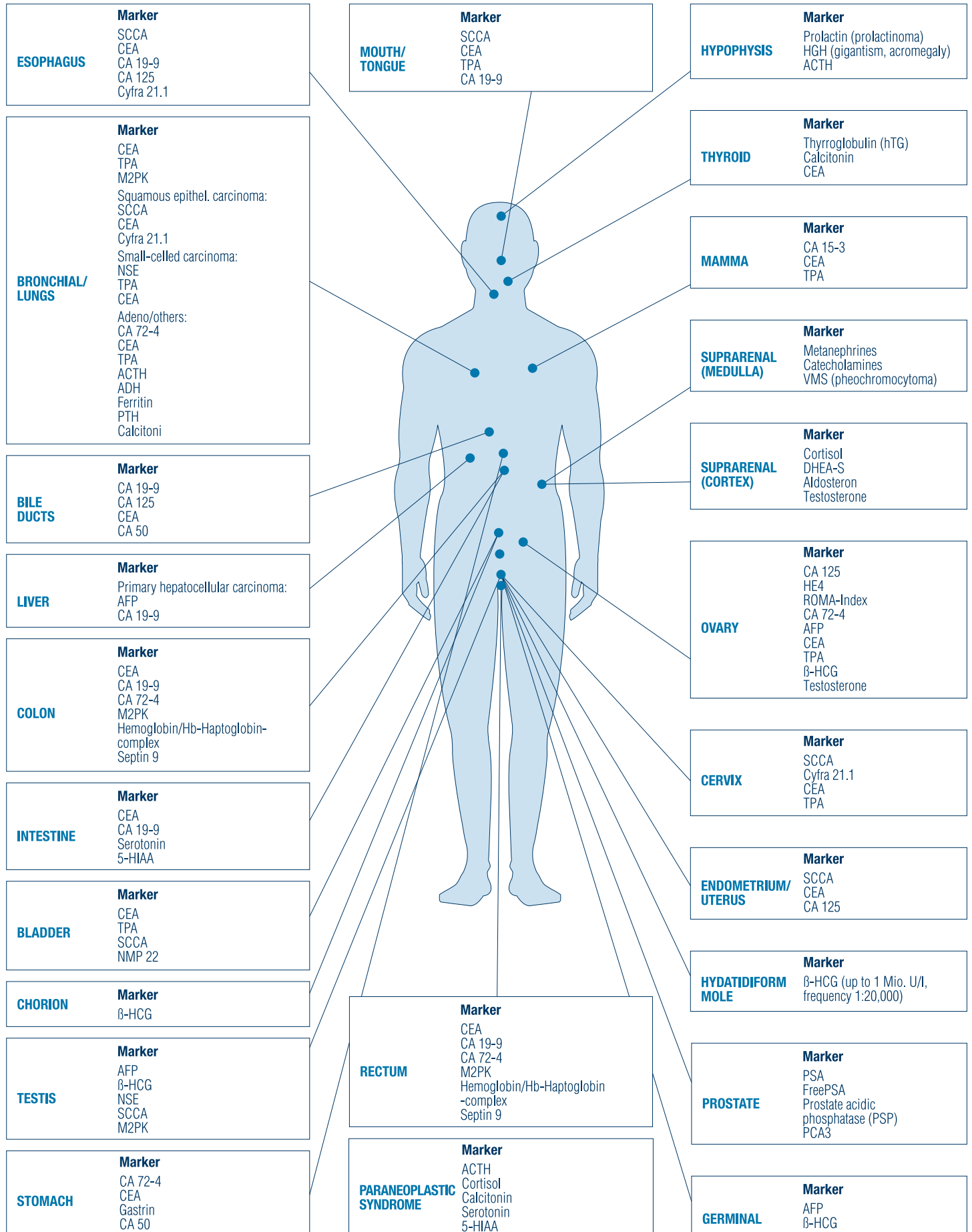


TUMOUR MARKERS

24 Hours Customer Care and Support

0700 7284 2273



INDEX ON MARKER

Tumour marker	Marker / disease	Non-malignant increase
ACTH	HVL, lungs	M. Addison, AGS
AFP	Liver, germ cells	Acute and chronic hepatitis, liver cirrhosis, pregnancy, children <1 year
Bence Jones Protein (BJP)	Plasmocytoma	
CA 125	Ovary, bile ducts , gastrointestinal tract, mamma, pleural mesothelioma	Endometriosis, ascites, effusions, post surgery, peritoneal effusion, peritonitis, cholelithiasis
CA 15-3	Mamma, ovary, cervix, endometrium	Chronic inflammatory hepatic diseases, renal insufficiency, fibroadenoma, bronchial diseases, mastopathies
CA 19-9	Pancreas, CRC, esophagus, GIT, liver, mucous membrane of mouth/tongue	Pancreatitis, cholestasis, chronic active hepatitis, liver cirrhosis, mucoviscidosis
CA 54-9	Mamma	Hepatic diseases
CA 72-4 (TAG 72)	Stomach, ovary	Acute pancreatitis, hepatic cirrhosis, lung diseases, connective tissue diseases
Calcitonin	Medullary thyroid gland carcinoma	Renal insufficiency, hypogastrinemia, Hashimoto thyroiditis, hypercalcemia, pregnancy
CASA	- not performed anymore -	
CEA	CRC, pancreas (CEA+u-Pa), intestinal tract, stomach, lungs, kidney, mamma, ovary, bladder	Smokers (precancerous), hepatic cirrhosis, inflammatory diseases of the lungs and the intestine, emphysema, hepatitis, diverticulitis, M. Crohn, colitis ulcerosa, pneumonia
Chromogranin	Endocrine tumors (neuroblastoma, carcinoid, pheochromocytoma, small-celled lung carcinoma)	Renal insufficiency, distinctive GIT absorption defect (malabsorption syndrome), M. Whipple and coeliac disease
Cortisol	Pituitary gland / adrenal cortex	
Cyfra 21.1	carcinoma of the lungs, cervix, esophagus	Pneumonia, M. Crohn, contamination with saliva (false elevated)
DHEA sulfate	Pituitary gland / adrenal cortex	AGS, adrenal cortex hyperplasia, hirsutism, virilism
Dopamine	Sympathic cell tumors	
Ferritin	M. Hodgkin, leukemia, lymphoma, kidney, (pancreas, mamma)	Iron overloading, infections, hepatopathies, Still syndrome
Gastrin	Gastrinoma	
GH (HGH)	HVL (acromegaly)	Hypoglycemia, stress
β-HCG	Chorionepithelioma, hydatidiform mole, pregnancy, testicular tumor	Pregnancy (also extrauterine)
5-HIAA	Carcinoid syndrome	Food with serotonin, antiepileptics, coeliac's disease
Catecholamines	Suprarenal gland medulla	Stress, hypoglycemia, hypertonus, medicaments, stimulated sympatheticotonus
M2 pyruvate kinase	Proliferation activity of different tumors of the gastrointestinal section, lungs, mamma and renal cell carcinoma	
Metanephrines	Suprarenal gland medulla	
MIA	Uveal melanoma	
β2-microglobulin	Lymphoma, multiple myeloma, lymphatic leukemia, HIV	Viral diseases, tubular proteinuria
Neopterin	Lymphoma, leukemia, HIV	Viral diseases
NMP 22	Carcinoma of the bladder	Interstitial cystitis, infections of the urine tract, invasive operations (cystoscopy, catheterism, OP)
NSE	Small-celled bronchial carcinoma, neuroblastoma, melanoma	Bronchopneumonia, lung fibrosis, hemolysis
u-PA	Pancreas (particularly in combination with CEA)	
PLAP	Seminoma	Smoking
Prolactin	Pituitary gland	Hyperthyroidism, stress, pregnancy, renal insufficiency, palpation of breasts, breast feeding, drugs (dopamin antagonists, metoclopramid, antidepressants, neuroleptics, estrogen, antiacid medicine)
PCA3	Prostate gland	
PSA	Prostate gland	Prostate gland which has been examined manually or with instruments 12 h before blood collection (also catheterization as well as cystoscopy etc.), benign hypertrophy
ROMA-Index	Ovarian carcinoma	
SCC	Cervix, esophagus, mouth	Lungs, squamous epithelium, dermatosis (psoriasis, eczema, pemphigus), nephropathies, liver cirrhosis, pancreatitis, chronic bronchitis, tuberculosis, contamination with saliva reveals false increased results
Septin 9	Colon carcinoma	
Serotonin	Carcinoid syndrome	Smoking, drugs (MAO-inhibitors, reserpin, serotonin containing food), epilepsy, coeliac disease
Testosterone	Ovary/adrenal cortex	AGS, hyperplasia of adrenal cortex, androgen resistance, hyperandrogenemia, Cushing syndrome, PCO syndrome
Thyroglobulin	Papillary, /follicular thyroid gland carcinoma	Euthyroidal stroma, stroma nodosa, M. Basedow, autonome adenoma
TPA (TPS)	Small-celled bronchial carcinoma, bladder, cervix, ovary, mamma	Diseases of the lungs, GIT and urogenital tract, decompensated liver cirrhosis
VMA	Adrenal medulla	essential hypertonus, stress, physical stress, hypoglycemia, drugs