



Tumor Markers

Facilitating accurate and early cancer diagnosis

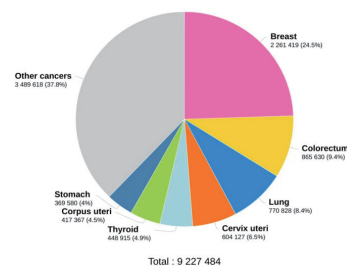
As per the world Health Organization, cancer is the second leading cause of death globally, accounting for nearly 10 million deaths in 2020.

Introduction of Tumor Markers

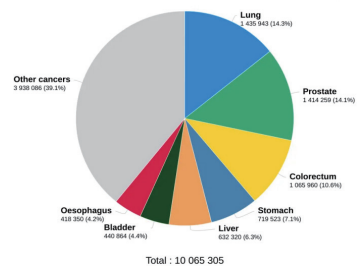
To facilitate accurate non-invasive cancer diagnosis, tumor markers are applied widely in clinical areas. They are a group of substances that can indicate the existence of tumors and reflect tumors' certain when reaching certain levels. Tumor markers generally have 3 origins:

- Present within tumor cells or on the surface of tumor cell membranes, or Expressed and secreted by tumor cells into the blood and other body fluids or tissues, or produced by the body's immune response to tumors.

Estimated number of new cases in 2020, worldwide, females, all ages



Estimated number of new cases in 2020, worldwide, males, all ages



Clinical Application

- Assist diagnosis
- Detect recurrence
- Evaluate efficacy
- Determine prognosis
- Guide medication

Target population

- People with a family history of cancer
- Cancer patients
- Physical examination population
- People in special work environments: petrochemical, mining, tobacco, asbestos, radiation-related, etc.
- People with poor diet/lifestyle habits: long-term overwork, severe malnutrition, smoking, abuse of drugs or alcohol, etc.
- People who are overweight or obese
- People with a history of diabetes

Product Advantages

Comprehensive

- Nearly 30 tumor markers
- Including both conventional tumor markers and new special tumor markers

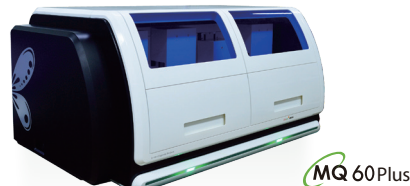
Precision

- Advanced diagnostic methodologies for precision results with small CV
- Sensitive even at the lower threshold of linearity range

Efficiency

- Short testing time
- Can test multiple parameters at the same time

Products	Abbreviation	Linear Range	Test Time	Certification	Specimen	Specifications
Carcinoembryonic antigen test (Chemiluminescence Immunoassay)	CEA	0.2-1000ng/mL	17min	NMPA,CE	S/P	60T/kit
Vascular Endothelial Growth Factor test (Chemiluminescence Immunoassay)	VEGF	50-3200pg/mL	17min	NMPA	S	60T/kit
Thymidine Kinase 1 test (Chemiluminescence Immunoassay)	TK1	1.5-20pM	17min	NMPA	S/P	60T/kit
α-fetoprotein test (Chemiluminescence Immunoassay)	AFP	0.6-1200ng/mL	17min	NMPA,CE	S/P	60T/kit
α-fetoprotein (AFP)-L3% test (Chemiluminescence Immunoassay)	AFP-L3%	5%-50%	37min	NMPA,CE	S/P	30T/kit
Des-γ-carboxy-prothrombin test (Chemiluminescence Immunoassay)	DCP	5-20000ng/ml	17min	NMPA,CE	S	60T/kit
Golgi Protein 73 test (Chemiluminescence Immunoassay)	GP73	50-500ng/ml	17min	NMPA,CE	S/P	60T/kit
Cytokeratin 18 Fragments test (Chemiluminescence Immunoassay)	CK18-M30	-	17min	NMPA	S	60T/kit
Cytokeratin 18 Fragments test (Chemiluminescence Immunoassay)	CK18-M65	-	17min	NMPA	S	60T/kit
Human Epididymis Protein 4 test (Chemiluminescence Immunoassay)	HE4	15-1500pmol/L	17min	NMPA,CE	S/P	60T/kit
Cancer Antigen 125 test (Chemiluminescence Immunoassay)	CA125	0.6-5000U/mL	17min	NMPA,CE	S/P	60T/kit
Cancer Antigen 15-3 test (Chemiluminescence Immunoassay)	CA15-3	1-300U/mL	17min	NMPA,CE	S/P	60T/kit
Cancer Antigen 19-9 test (Chemiluminescence Immunoassay)	CA19-9	0.6-1000U/mL	17min	NMPA,CE	S/P	60T/kit
Cancer Antigen 242 test (Chemiluminescence Immunoassay)	CA242	0.5-200IU/mL	17min	NMPA,CE	S	60T/kit
Cancer Antigen 50 test (Chemiluminescence Immunoassay)	CA50	1-500 U/mL	17min	NMPA	S/P	60T/kit
Cancer Antigen 72-4 test (Chemiluminescence Immunoassay)	CA72-4	0.2-300IU/mL	17min	NMPA,CE	S/P	60T/kit
Cytokeratin 19 Fragments test (Chemiluminescence Immunoassay)	CYFRA21-1	0.6-1000U/mL	17min	NMPA,CE	S/P	60T/kit
Neuron-specific Enolase test (Chemiluminescence Immunoassay)	NSE	0.1-300ng/mL	17min	NMPA,CE	S	60T/kit
Gastrin-17 test (Chemiluminescence Immunoassay)	proGRP	3-5000pg/mL	17min	NMPA	S/P	60T/kit
Squamous Cell Carcinoma Antigen test (Chemiluminescence Immunoassay)	SCCA	0.1-70 ng/mL	17min	NMPA	S/P	60T/kit
Total Prostate Specific Antigen test (Chemiluminescence Immunoassay)	tPSA	0.1-100ng/mL	17min	NMPA,CE	S/P	60T/kit
Free Prostate Specific Antigen test (Chemiluminescence Immunoassay)	fPSA	0.016-20ng/mL	17min	/	S	60T/kit
Gastrin-17 test (Chemiluminescence Immunoassay)	G-17	20-1000pg/mL	17min	NMPA,CE	S/P	60T/kit
Pepsinogen I test (Chemiluminescence Immunoassay)	PGI	1-200ng/ml	17min	NMPA,CE	S/P	60T/kit
Pepsinogen II test (Chemiluminescence Immunoassay)	PGII	0.5-100ng/ml	17min	NMPA,CE	S/P	60T/kit
S100 Protein test (Chemiluminescence Immunoassay)	S100	0.02-30 ng/mL	17min	NMPA	S	60T/kit
Ferritin test (Chemiluminescence Immunoassay)	Ferr	0.5-2000ng/ml	17min	NMPA,CE	S/P	60T/kit



Application Department

Department of Oncology, Respiratory, Gynecology, Andrology, Gastroenterology, Dermatology, Endocrinology, Laboratory.....

Beijing Hotgen Biotech Co.,Ltd

Add.: No.55, Qingfeng West Road, Daxing District, Beijing, 102629, P.R. China

Tel: +86 400-815-1117

Website: www.hotgenbiotech.com

E-mail: sales@hotgen.com.cn