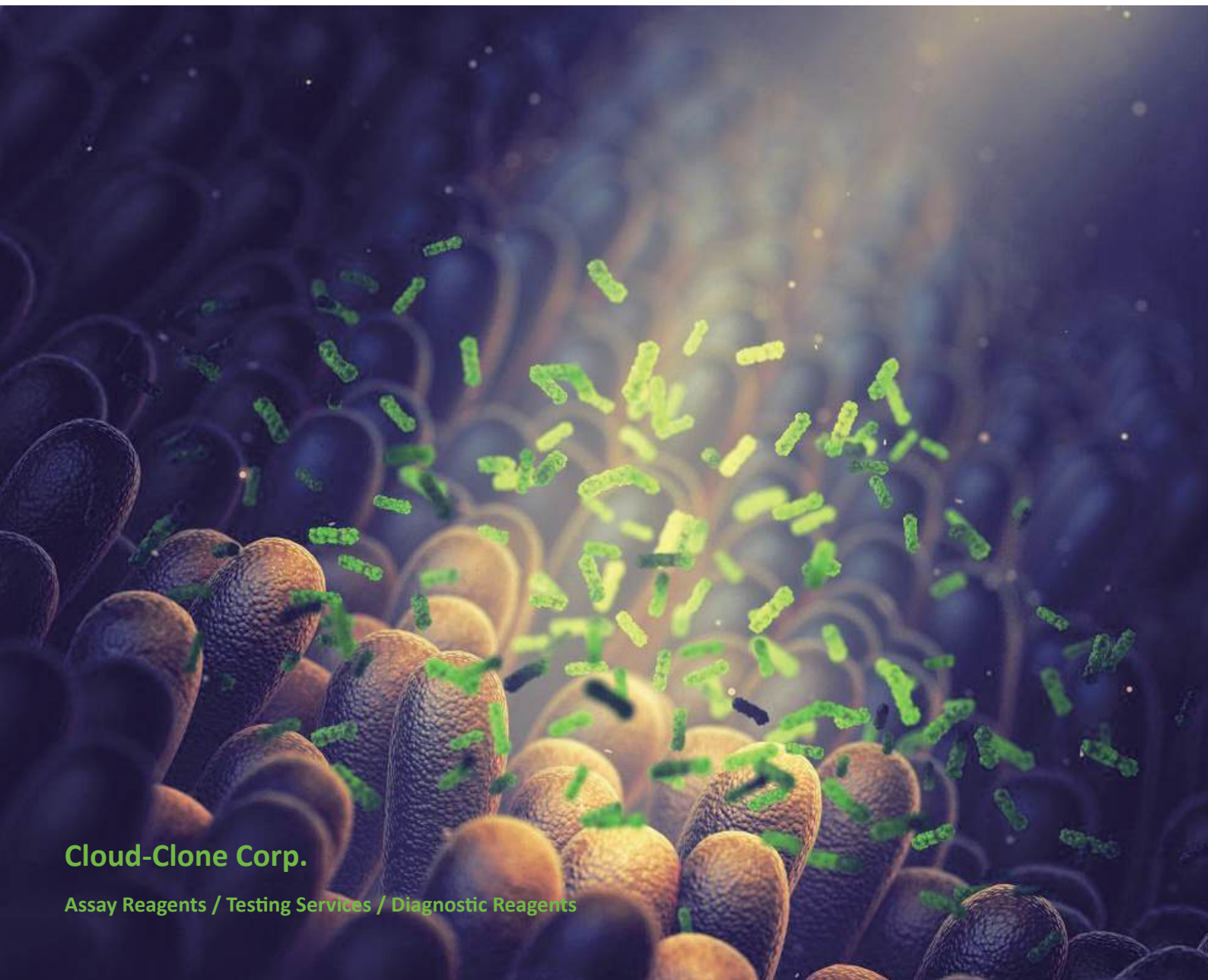




Cloud-Clone Corp.

Colon Cancer Biomarkers



Cloud-Clone Corp.

Assay Reagents / Testing Services / Diagnostic Reagents



ISO 13485



ISO 9001

Colon Cancer Biomarkers

Colon cancer is the malignant tumor of colonic mucosa epithelium and gland produce, belong to a kind of common malignant tumor, the morbidity and mortality rank the forefront of all kinds of cancer. According to the data released by the world health organization, the incidence of colon cancer has been rising gradually and becoming younger in recent years. With the in-depth study of colon cancer, the discovery of new biomarkers not only provides great help for the pathological diagnosis for colon cancer, but also provides new evidence for its prognosis and treatment plan selection.

Cloud-Clone could provide multiple proteins, antibodies and ELISA kits of detection markers for colon cancer, which can be used in testing human, mouse, rat, porcine, caprine, etc.

1. Cloud-Clone on sale items that related to Colon Cancer Biomarkers

Cloud-Clone related index products of colon cancer biomarker

14-3-3 beta	CEA	GALNT12	PDGFRL	PSG3	SAA1/A2	UVRAG
14-3-3 zeta	DKK-1	GPRC5A	PGRN	Reg4	TMEM25	VAP-1
ATAD2	GPA33	MFAP3L	PSG2	SAA	TPS1	WISP3

2. Excellent citations that related to Cloud-Clone Colon Cancer Biomarkers (Excerpt)

Item	Species	Journals	IF	Pubmed ID	Institute
SAA	Mouse	Nature Communications	12.353	29410422	Cardiology and Angiology I, University Heart Center, and Medical Faculty, University of Freiburg, Freiburg
CEA	Mouse	Analytical chemistry	6.042	27506255	State Key Laboratory of Analytical Chemistry for Life Science, School of Chemistry and Chemical Engineering, Nanjing University

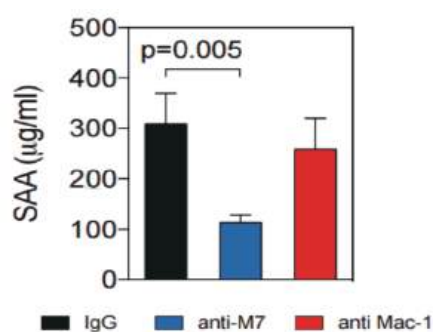


Figure . Plasma levels of the acute-phase protein Serum-Amyloid A (SAA) was quantified by ELISA in plasma samples. (Dennis Wolf, 2018)

(Product No.: SEA885Mu

Sample type: plasma)

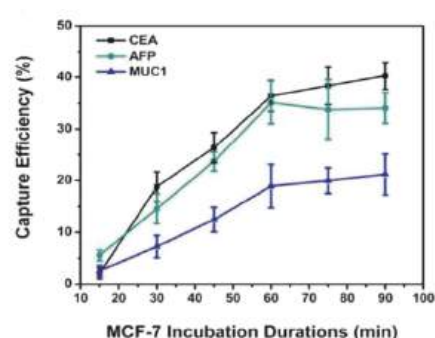


Figure . Capture efficiencies of MCF-7 incubation durations (15 min, 30 min, 45 min, 60 min, 75 min and 90 min, respectively) with Anti-CEA antibodies on electrode surface; (Hai-Wei Shi, 2016)

(Product No.: PAA150Mu01

Sample type: cell line)

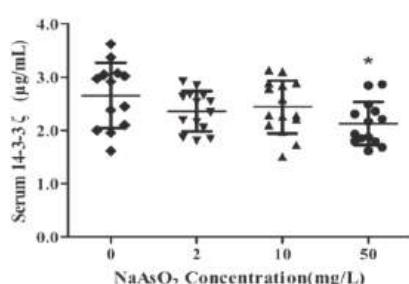


Figure . Serum 14-3-3 ζ level of rats exposed to different levels of arsenic analyzed by ELISA. (Jin Hui Zhang, 2016)

(Product No.: SEJ809Mi

Sample type: serum)

3. Citation statistics that related to Cloud-Clone Colon Cancer Biomarkers (Excerpt)

Serum Amyloid A (SAA)

Product	Species	Citation
Protein / Aantibody / ELISA kit	Human, Rat, Mouse, Pig, Dog, Chick, Cattle	39
Excerpt: 1. Wolf D, Anto-Michel N, Blankenbach H, et al. A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense[J]. Nature communications, 2018, 9(1): 525.(IF=12.353) 2. Swiatly A, Horala A, Matysiak J, et al. Understanding ovarian Cancer: ITRAQ-Based proteomics for biomarker discovery[J]. International journal of molecular sciences, 2018, 19(8): 2240. 3. Ma J, Luo X, Wu Q, et al. Circulation levels of acute phase proteins in patients with Takayasu arteritis[J]. Journal of vascular surgery, 2010, 51(3): 700-706. 4. Neto A M, Parisi M C R, Alegre S M, et al. Relation of thyroid hormone abnormalities with subclinical inflammatory activity in patients with type 1 and type 2 diabetes mellitus[J]. Endocrine, 2016, 51(1): 63-71.		

Carcinoembryonic Antigen (CEA)

Product	Species	Citation
Protein / Aantibody / ELISA kit	Human, Rat, Mouse	26
Excerpt: 1. Shi H W, Zhao W, Liu Z, et al. Temporal sensing platform based on bipolar electrode for the ultrasensitive detection of cancer cells[J]. Analytical chemistry, 2016, 88(17): 8795-8801.(IF=6.042) 2. Liu L X, Fan G C, Zhang J R, et al. Ultrasensitive cathode photoelectrochemical immunoassay based on TiO ₂ photoanode-enhanced 3D Cu ₂ O nanowire array photocathode and signal amplification by biocatalytic precipitation[J]. Analytica chimica acta, 2018, 1027: 33-40.(IF=5.123) 3. Mansour M A, Bekheet S A, Al - Rejaie S S, et al. Ginger ingredients inhibit the development of diethylnitrosoamine induced premalignant phenotype in rat chemical hepatocarcinogenesis model[J]. Biofactors, 2010, 36(6): 483-490.		

Tyrosine 3/Tryptophan 5 Monooxygenase Activation Protein Zeta (14-3-3-zeta)

Product	Species	Citation
Protein / Aantibody / ELISA kit	Human, Rat, Mouse	5
Excerpt: 1. Zhang J H, Li Y, Song X B, et al. Differential expression of serum proteins in rats subchronically exposed to arsenic identified by iTRAQ-based proteomic technology—14-3-3 ζ protein to serve as a potential biomarker[J]. Toxicology Research, 2016, 5(2): 651-659.		