



SPFS immunoassay development list

	Biomarker name	Short name	Target disease	Specimen	Type of biomarker
1	Amyloid beta 40	Aβ 40	Alzheimer's disease	plasma	
2	Amyloid beta 42	Aβ 42	Alzheimer's disease	plasma	
3	Amyloid beta oligomer	Aβ Oligomer	Alzheimer's disease	CSF	
4	α-Fetoprotein	AFP	Liver cancer	serum	
5	α-Fetoprotein-L3	AFP-L3	Liver cancer	serum	
6	B-type natriuretic peptide	BNP	Heart failure	serum/plasma	D, M, Pro
7	cancer antigen 15-3	CA15-3	Breast cancer	serum	
8	Carbohydrate antigen 19-9	CA19-9	Gastric cancer (mainly Pancreatic cancer)	serum	
9	Carcinoembryonic antigen	CEA	Colorectal cancer	serum	
10	Creatine kinase isozyme MB	CKMB	Heart attack	serum/plasma	D, M
11	Cystatine-C	CysC	Assessment on kidney function	serum/plasma	D, Risk
12	C-reactive protein	CRP	Identification of the presence of inflammation and monitoring respnse to treatment	serum/plasma	D, M
13	D-dimer	D-dimer	Deep vein thrombosis, Pulmonary embolism	serum/plasma	D, M, Pro, Surr
14	Desmoglein-3	DSG3	Lung cancer	serum/plasma	
15	Epiregulin	EREG	Lung cancer	serum/plasma	
16	Hepatitis B antigen	HBsAg	HBV infection	serum/plasma	D,M, Pre, Pro, Surr, Risk
17	Human epididymis protein 4	HE-4	Ovarian cancer	serum	
18	Human epididymis protein 4 GalNAc	HE-4=Gal	Ovarian cancer	serum	
19	Human epididymis protein 4 Sialy2,3	HE-4-Sia2, 3	Ovarian cancer	serum	
20	interleukin-6	IL6	Sepsis	plasma	M
21	Sialylated carbohydrate antigen KL-6	KL-6	Interstitial pneumonia	serum	
22	Myogolbin	Myogolbin	Heart attack	serum/plasma	D, M
23	Procalcitonin	PCT	Sepsis	serum/plasma	D, M, Risk
24	Prostate Specific Antigen	PSA	Prostate cancer	serum/plasma	
25	Prostate Specific Antigen - Glycosylation isomer	PSA-Gi	Prostate cancer	serum/plasma	
26	-	TBI_BM	Traumatic brain injury (TBI)	serum/plasma	D,M, Risk
27	Testosteron	Testosteron	Male; Erectile dysfunction, Inferitility Female; Masculine physical features, Polycystic ovary syndrome (PCOS)	serum/plasma	D, M
28	Troponin I	TnI	Acute myocardial infarction	WB/serum/plasma	D, M, Pro, Risk
29					
30					

D : Diagnostic Biomarker
 M : Monitoring Biomarker
 Res : Pharmacodynamic/Response Biomarker
 Pre : Predictive Biomarker
 Pro : Prognostic Biomarker
 Surr : Reasonably Likely Surrogate Endpoint
 Safe : Safety Biomarker
 Risk : Susceptibility/Risk Biomarker