Table 2

"Weak" anti-HCV positive ICBS' Panel samples (19 samples showing S/CO ratios lower than the other panel members) which reacted false negative in at least two of 43 ELISA assays

Panel Number	Geno-type	ELISA anti-HCV assay																																										Number of false negatives	Mean	Minimum	Maximum	[illegible]
		GENEDIA HCV ELISA 3.0; GreenCross Life Science Corp	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); Shanghai Feilong Medical Diagnostic Articles Co., Ltd	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); Shanghai SIIC Kehua Biotech Co., Ltd.	QuickNow Anti-HCV Diagnostic Kit (ELISA); Shanghai Rongsheng Biotech Co., Ltd.	HCV ELISA Anti-HCV Antibody ELISA Kit; Beijing Wantai Biological Pharmacy Enterprise Co., Ltd.	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); GBI Biotech (Beijing) Co., Ltd.	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); Shanghai Fortune Long March-Trace Medical Science Co., Ltd.	Anti-HCV Ab EIA Kit; Beijing Goldenweikai Medical Biotechnology Co., Ltd.	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); Sino-American Biotechnology Company (SABC).	Anti-HCV Antibody ELISA Kit; Biocell Co., Ltd.	Anti-HCV EIA-96; General Biologicals (Tianjin) Co., Ltd.	Diagnostic Kit for Antibody to Hepatitis C Virus (ELISA); Beijing Kinghawk Pharmaceutical Co., Ltd.	LG HCD 3.0 Plus 96T; LG Life Sciences, Ltd.	LSU-ICMRT EIA-Spep Screening Assay for Anti-HCV; Centro International de Investigacion y Adiestramiento Medico de la Universidad del Estado de Louisiana (LSU-ICMRT) Costa Rica	HCV IgG ELISA Kit; Zhongshan Bio-tech Co., Ltd.	HCV ELISA Test Kit; InTec Products, Inc.	Hepatitis C (anti-HCV) ELISA; Wiener Laboratorios S.A.I.C.	Dong-A HCV 3.0; Dong-A Pharmaceutical Co., Ltd.	Umelisa HCV; Tecnosuma International S.A.	HepaScreen; Biotechnologitzeskaja Kompanija Bioservis	Anti-HCV ELISA	Anti-HCV ELISA; Union-Diagnostisches-System	Immunoenzyme Test-System for Detection of Anti-HCV; NPP Akwapast	HCV- DCM; Medizinische Biologische Union	Anti-HCV ELISA-G; Institut Pastera Sankt-Petersburg	RecombiBest anti-HCV- Strip; Vector-Best (OPD)	RecombiBest anti-HCV- Strip; Vector-Best (TMB)	Anti-HCV ELISA; Radiopreparat	Hepa-Scan HCV ELISA; Bhat Bio-Tech India (P) Ltd.	Innova HCV ELISA Test Kit; SPAN Diagnostics Ltd. marketed by Stimulus Specialty Diagnostics, Ltd.	HCV Microlisa (lot a); J. Mitra & Co. Ltd. (c/o 1)	HCV Microlisa (lot b); J. Mitra & Co. Ltd. (c/o2)	Hep-CheX C; Xcyton Diagnostics Ltd. marketed by Qualigens Fine Chemicals	Anti HCV-EIA-Avicenna; Avicenna Medical Center	Detect-HCV; Adaltis Inc., Montreal, Canada	bioelisa HCV; Biokit S.A.	Abbott HCV 3.0	Vitros HCV	Ortho HCV 3.0	AxSYM HCV 3.0	PRISM HCV	Murex HCV v4					
169	3a	**0.31**	14.05	15.65	3.16	7.82	7.62	6.38	5.32	10.56	**0.03**	12.97	3.14	2.78	1.68	3.64	5.77	4.47	**0.22**	1.80	1.57	**0.63**	2.83	**0.19**	9.03	2.09	5.12	4.90	**0.32**	**0.57**	**0.95**	**0.57**	**0.86**	**0.09**	9.23	**0.19**	**0.46**	4.44	23.20	4.86	22.42	7.46	4.99	13	5.40	0.03	23.20	23
33	6(7a)	1.58	2.61	2.43	2.30	3.79	3.89	**0.69**	1.25	5.00	4.10	5.75	2.22	1.89	**0.53**	3.95	5.53	3.32	**0.84**	3.83	1.41	3.88	4.12	6.24	2.12	3.75	3.62	2.79	**0.71**	**0.84**	1.66	**0.76**	**0.70**	**0.48**	5.61	4.41	3.08	1.51	10.30	3.75	39.55	4.86	4.57	8	4.11	0.48	10.30	9
76	1b	8.13	4.53	4.55	6.71	4.05	5.10	4.81	2.37	3.98	4.44	6.98	2.38	1.75	1.40	5.39	5.31	5.41	2.38	3.47	**0.41**	3.25	**0.23**	8.64	**0.75**	3.02	**0.36**	3.45	**0.29**	**1.11**	2.53	1.81	3.03	**0.44**	9.00	3.10	2.81	2.26	3.06	4.79	18.56	3.91	2.86	6	3.83	0.23	9.00	8
156	1b	2.43	12.73	12.71	7.22	3.12	6.41	5.77	3.15	3.96	1.37	8.53	2.91	2.94	**0.93**	6.12	1.26	11.88	4.98	1.30	2.97	1.38	6.31	**0.57**	3.00	1.63	1.08	2.90	5.50	**0.64**	1.16	**0.32**	**0.54**	**0.24**	8.69	2.21	7.61	3.49	19.90	4.86	53.33	5.53	4.49	6	5.75	0.24	19.90	19
166	6a	1.16	3.64	3.99	3.32	4.61	2.19	1.25	1.57	5.27	2.19	**0.79**	**0.40**	1.96	1.21	3.07	5.26	4.67	2.69	**0.70**	5.38	1.34	6.55	1.14	4.41	2.22	5.19	4.88	5.02	1.37	1.16	**0.53**	**1.04**	**0.28**	4.13	1.87	2.94	3.37	6.83	3.12	4.90	1.62	1.98	5	2.98	0.28	6.83	6
12	3a	2.09	7.55	7.38	2.21	3.53	4.67	**0.49**	1.29	4.74	1.93	4.62	1.81	1.64	**0.44**	2.44	4.95	2.99	1.55	1.23	1.71	2.28	2.27	1.37	3.29	3.33	6.38	8.14	1.90	2.38	1.25	**0.26**	**0.37**	**0.33**	7.72	2.27	2.49	1.74	4.49	3.06	67.77	5.63	4.90	5	4.66	0.26	8.14	7
178	4a	**0.75**	10.62	14.32	5.73	6.11	5.97	3.17	4.05	6.53	1.44	8.35	3.29	2.52	1.43	3.43	3.49	10.92	8.77	2.17	4.90	1.44	7.37	6.94	3.02	2.69	7.65	8.15	6.60	**0.69**	2.02	**0.60**	**0.94**	**0.36**	7.85	4.20	5.23	2.31	17.40	4.86	50.16	5.57	4.75	5	6.26	0.36	17.40	17
67	1b	8.42	14.18	17.07	12.63	8.81	9.66	9.31	5.35	8.00	6.98	15.99	3.97	3.28	2.36	7.70	18.04	13.04	3.63	**0.37**	5.39	3.52	11.34	8.60	8.75	8.86	12.62	11.60	9.86	**0.66**	7.15	**0.14**	**0.21**	0.61	8.88	5.71	6.27	>7,35	14.60	4.79	64.37	5.82	4.51	5	9.01	0.14	18.04	17
18	1a	8.72	13.24	16.04	5.34	10.71	8.79	8.09	5.95	11.33	7.18	16.08	5.58	3.34	1.41	7.16	16.12	11.73	1.44	3.03	**0.91**	3.68	6.48	4.40	3.52	3.34	7.82	11.45	**0.52**	**0.95**	7.48	**0.98**	1.37	1.22	8.95	6.37	5.63	>6,35	17.20	>4,884	68.23	1.33	4.82	4	8.08	0.52	17.20	16
198	1b	5.89	6.35	15.50	6.25	11.68	9.37	6.40	5.61	10.08	6.58	15.77	5.28	3.13	**0.77**	6.51	9.91	10.92	4.21	3.47	5.55	6.49	12.30	5.94	10.62	3.77	12.78	8.10	7.31	**0.90**	6.13	**0.85**	1.34	**0.83**	9.64	6.10	5.62	4.97	24.70	4.86	73.28	7.16	4.72	4	8.71	0.77	24.70	23
54	1a	2.70	6.23	6.12	3.94	7.46	4.55	4.30	4.12	4.88	1.93	3.06	2.62	2.18	**0.84**	3.53	4.53	5.53	3.82	1.40	5.23	3.05	8.17	1.67	5.10	2.01	9.57	7.64	10.36	**0.89**	2.70	1.02	1.43	**0.42**	3.80	2.84	2.79	3.96	12.60	>4,884	7.80	3.71	3.37	3	4.25	0.42	12.60	12
121	1a	4.96	9.73	10.37	6.21	8.72	3.89	4.62	2.55	9.66	4.94	4.03	2.88	2.66	1.33	5.68	14.32	11.99	5.71	2.33	6.66	2.06	10.45	7.60	8.52	2.93	10.40	13.17	13.88	1.20	2.32	**0.44**	**0.73**	**0.28**	8.96	5.21	4.90	5.01	20.70	4.82	10.33	4.27	4.88	3	6.29	0.28	20.70	20
172	1b	8.54	13.49	15.43	5.62	11.24	10.01	9.49	5.64	10.84	5.98	9.83	6.12	3.21	1.36	7.41	10.36	11.84	4.80	2.90	5.60	9.52	11.85	8.76	9.07	4.25	11.51	14.44	8.95	**0.90**	6.37	**0.77**	1.18	**0.69**	9.29	5.95	7.14	5.96	25.20	4.86	76.38	6.86	4.93	3	9.26	0.69	25.20	24
73	3b	9.01	10.02	15.00	9.43	4.09	6.79	13.69	6.10	7.46	2.66	12.27	3.00	2.89	3.39	5.39	10.64	10.46	2.35	2.20	4.31	1.52	10.65	6.29	9.08	5.28	13.13	11.29	8.75	**0.61**	2.91	1.92	3.23	**0.37**	10.31	2.98	3.88	2.80	10.50	4.79	30.83	5.86	4.48	2	6.80	0.37	15.00	14
116	1b	1.63	6.30	9.16	4.39	5.24	5.75	2.23	3.35	7.18	3.78	4.80	2.61	2.35	2.14	4.40	8.66	7.55	3.55	1.70	4.82	3.02	8.52	6.96	3.59	5.04	3.59	10.83	8.68	**0.97**	1.66	3.47	5.81	**0.65**	7.25	2.86	3.38	5.64	8.04	4.82	8.31	3.64	4.14	2	4.83	0.65	10.83	10
164	1a	2.93	18.52	18.59	15.68	8.66	9.67	14.77	8.20	10.74	1.28	17.29	4.74	3.49	1.59	10.85	7.21	12.92	8.10	2.63	7.36	1.19	11.57	5.46	9.69	5.39	4.37	7.37	10.28	**0.64**	6.53	4.94	7.54	**0.22**	8.43	5.37	8.41	>6,71	30.10	4.86	78.72	7.89	4.78	2	9.95	0.22	30.10	29
79	4a/4b/5a	3.22	12.42	16.27	8.43	6.34	8.14	8.11	4.66	6.68	4.48	7.95	4.24	3.18	1.48	6.71	9.41	12.29	4.74	2.27	5.71	3.24	8.71	4.62	5.52	2.42	9.96	7.85	14.01	**0.98**	1.58	1.25	2.10	**0.72**	8.58	4.38	5.37	5.22	15.90	4.79	49.14	6.22	4.75	2	7.21	0.72	16.27	15
104	1a	5.00	12.32	15.51	9.22	11.79	8.73	15.36	8.35	11.09	1.90	16.39	5.82	3.65	2.93	7.18	17.31	12.84	7.57	1.73	6.95	12.22	12.15	1.46	10.15	5.88	12.36	16.37	13.39	**0.64**	6.62	4.01	6.72	**0.13**	11.38	4.56	7.72	>7,35	21.30	4.79	46.14	8.01	4.94	2	9.50	0.13	21.30	21
13	1b	8.33	13.73	14.79	5.29	10.86	8.52	8.70	5.78	10.42	6.42	13.61	5.52	3.27	1.50	6.98	16.09	11.52	4.57	2.07	5.03	14.80	11.02	7.35	10.26	4.14	13.67	13.11	12.70	1.01	7.12	**0.82**	1.15	**0.92**	9.50	6.08	5.19	5.76	17.80	>4,884	102.10	6.44	5.06	2	10.06	0.82	17.80	16

s/co : signal-to-cut–off

OPD : ortho-phenyl-diamine substrate

TMB : tetra-methyl-benzidine substrate

▭ : False negative