

To: Hoivat, Sally A [REDACTED] Hobson, John (Peyton)

From: Elizabeth Holmes

Sent: Wed 10/23/2013 8:03:12 PM

Importance: Normal

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Assay Testing Summary in CLIA Lab Wellness Centers Theranos Confidential.pdf

Planned Assay Testing Summary in CLIA Lab Wellness Centers Theranos Confidential.pdf

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Dear Sally and Peyton,

In follow up to our conversations on which assays run on Theranos TSPUs in Theranos' CLIA lab during Phase I of Theranos' operations (as described in the diagrams previously sent), please find two documents attached to this email.

The first document lists all tests that have been run on samples collected from patients in Theranos Wellness Centers since the Wellness Centers began operation in September.

For your reference, some samples collected in Theranos Wellness Centers to date have been collected via traditional phlebotomy.

The second document lists all tests currently planned to potentially be run on samples collected in Theranos Wellness Centers during Phase I of Theranos' operations.

Please note these documents only pertain to samples collected through Theranos Wellness Centers (Theranos' Patient Service Center retail locations).

As always, please let me know if there are any clarifications we can provide on the above or the attached prior to circulation.

Please also note that these documents are Theranos Confidential and Proprietary and we ask for your protection of them as with the other materials we have shared, including protection from public disclosure consistent with FDA regulations and Exemption 4 to the Freedom of Information Act.

With my best regards,  
Elizabeth

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Tests run in Theranos' CLIA laboratory from Samples collected in  
Theranos Wellness Centers

Test	Chemistry	Device
CBC	Theranos	FDA cleared/approved
CMP	Theranos Protocol*	FDA cleared/approved
Lipid	Theranos Protocol	FDA cleared/approved
Urinalysis	FDA cleared/approved	FDA cleared/approved
TSH	Theranos	TSPU
PSA	Theranos	TSPU
VitD	Theranos	TSPU
HbA1c	FDA cleared/approved	FDA cleared/approved
Uric Acid	FDA cleared/approved	FDA cleared/approved
DHEA-S	FDA cleared/approved	FDA cleared/approved
Total, Testosterone	FDA cleared/approved	FDA cleared/approved
Free, Testosterone	FDA cleared/approved	FDA cleared/approved

\* Theranos Protocol means FDA-cleared assays running a Theranos protocol (i.e. modified under the CLIA regulations). These assays are thus validated as LDTs.

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Tests planned to be run in Theranos' CLIA laboratory from Samples collected in Theranos Wellness Centers

CPT	Test Name	Chemistry	Device	Theranos Internal Methodology Name/Test Category	Matrix
85014	hematocrit	Theranos	TSPU	Cytometry	whole blood
85045	automated reticulocyte count	Theranos	TSPU	Cytometry	whole blood
85049	automated platelet count	Theranos	TSPU	Cytometry	whole blood
85049	mean platelet volume	Theranos	TSPU	Cytometry	whole blood
85048	automated leukocyte count	Theranos	TSPU	Cytometry	whole blood
85041	automated rbc count	Theranos	TSPU	Cytometry	whole blood
90006	mean cell volume	Theranos	TSPU	Cytometry	whole blood
90007	mean corpuscular hemoglobin	Theranos	TSPU	Cytometry	whole blood
90008	mean corpuscular hemoglobin per cell	Theranos	TSPU	Cytometry	whole blood
90011	red cell distribution width	Theranos	TSPU	Cytometry	whole blood
90003	basophils	Theranos	TSPU	Cytometry	whole blood
90004	eosinophils	Theranos	TSPU	Cytometry	whole blood
90005	lymphocytes	Theranos	TSPU	Cytometry	whole blood
90009	monocytes	Theranos	TSPU	Cytometry	whole blood
90010	neutrophils	Theranos	TSPU	Cytometry	whole blood
81001-9	RBC, urine	Theranos	TSPU	Cytometry	urine
81001-10	WBC, urine	Theranos	TSPU	Cytometry	urine
81001-11	Epithelial Cells, urine (squamous, non-squamous, transitional, renal)	Theranos	TSPU	Cytometry	urine
81001-12	Bacteria, urine	Theranos	TSPU	Cytometry	urine
81001-13	Casts, urine (10 types)	Theranos	TSPU	Cytometry	urine
81001-14	Crystals, urine (10 types)	Theranos	TSPU	Cytometry	urine
81001-15	Budding yeast, urine	Theranos	TSPU	Cytometry	urine
81001-16	Hypae yeast, urine	Theranos	TSPU	Cytometry	urine
81001-17	Trichomonas, urine	Theranos	TSPU	Cytometry	urine
81001-18	Oval fat bodies, urine	Theranos	TSPU	Cytometry	urine
81001-19	Fat bodies, urine	Theranos	TSPU	Cytometry	urine
81001-20	Mucous, urine	Theranos	TSPU	Cytometry	urine
81001-20	Sperm, urine	Theranos	TSPU	Cytometry	urine
86360	t cell, absolute count/ratio	Theranos	TSPU	Cytometry	whole blood
86359	t cells, total count	Theranos	TSPU	Cytometry	whole blood
85384	fibrinogen	FDA cleared/approved	FDA cleared/approved	Cytometry	whole blood
86355	b cells, total count	Theranos	TSPU	Cytometry	whole blood
86357	nk cells, total count	Theranos	TSPU	Cytometry	whole blood
87177	Ova and Parasites Smears	Manual	Manual	Cytometry	multiple
85007	Manual Differential	Manual	Manual	Cytometry	whole blood
85018	hemoglobin	Theranos	TSPU	General Chemistry	whole blood
82947	glucose, blood quant	Theranos Protocol*	FDA cleared/approved	General Chemistry	whole blood
82565	creatinine (egfr)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82565	creatinine	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84520	urea nitrogen	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84132	potassium, serum	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84295	sodium, serum	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82435	chloride, blood	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82374	carbon dioxide, blood	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
NA	anion gap	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84460	alanine amino (alt) (sgpt)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82310	calcium	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84450	transferase (ast) (sgot)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82040	albumin, serum	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
NA	globulin	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84075	alkaline phosphatase	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82247	bilirubin, total	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84155	protein, serum	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82465	cholesterol, bld/serum	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
83718	lipoprotein (HDL)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84478	triglycerides	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82042	albumin, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
84156	protein, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
82340	calcium in urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
82436	chloride, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
83069	hemoglobin, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
84578	urobilinogen, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
84583	urobilinogen, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-1	nitrite	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-2	pH	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-3	Specific Gravity	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-4	Ketones (Acetoacetate)	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-5	Ketones (beta-hydroxybutyrate)	Theranos	TSPU	General Chemistry	urine
81001-6	Leukocyte Esterase	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-7	Bilirubin	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
81001-8	Glucose	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine

82248	bilirubin, direct	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood, urine
85610	prothrombin time	Theranos	TSPU	General Chemistry	whole blood
85652	rbc sed rate, automated	Theranos	TSPU	General Chemistry	whole blood
82550	ck (cpk)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82570	creatinine, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
NA	Microalbumin/Creatinine ratio	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
83540	iron	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
83735	magnesium	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84100	phosphorus	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84550	uric acid, blood	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
83721	lipoprotein, blood [LDL]	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
85730	thromboplastin time, partial	Theranos	TSPU	General Chemistry	whole blood
83550	iron binding	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
86901	blood typing, rh [d]	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
86900	blood typing, abo	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
83655	Assay of lead	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
86850	rbc antibody screen	Theranos	TSPU	General Chemistry	whole blood
83615	lactate dehydrogenase (ld) (ldh) enzyme	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82150	amylase	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
83690	lipase	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82055	ethanol	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82977	ggt	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
86403-1	streptozyme	Theranos	TSPU	General Chemistry	whole blood
82003	acetaminophen	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
80196	salicylate	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
80178	lithium	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
86880	coombs (antiglobulin test, agt)	Theranos	TSPU	General Chemistry	whole blood
84580	urine urobilinogen	Theranos	TSPU	General Chemistry	urine
84300	sodium, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
82140	ammonia	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84560	uric acid, urine	Theranos	TSPU	General Chemistry	urine
84630	zinc	Theranos	TSPU	General Chemistry	whole blood, urine
82085	aldoiase	Theranos	TSPU	General Chemistry	whole blood
82507	citrate	Theranos	TSPU	General Chemistry	whole blood
85300	antithrombin iii activity; clotting inhibitors or anticoagulants	Theranos	TSPU	General Chemistry	whole blood
82145	amphetamines	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
83945	oxalate	Theranos	TSPU	General Chemistry	whole blood
83605	lactic acid	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
84133	potassium, urine	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
84540	urea-nitrogen, urine	Theranos	TSPU	General Chemistry	urine
82955	g6pd enzyme	Theranos	TSPU	General Chemistry	whole blood
82803-1	blood gases: ph	Theranos	TSPU	General Chemistry	whole blood
82803-3	blood gases: pco2	Theranos	TSPU	General Chemistry	whole blood
82803-4	base excess / deficit	Theranos	TSPU	General Chemistry	whole blood
82009	acetone/ketones	Theranos	TSPU	General Chemistry	whole blood
84210	pyruvate	Theranos	TSPU	General Chemistry	whole blood
83719	blood lipoprotein (VLDL)	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82180	ascorbic acid	Theranos	TSPU	General Chemistry	whole blood
82239	bile acids, total	Theranos	TSPU	General Chemistry	whole blood
85520	heparin assay	Theranos	TSPU	General Chemistry	whole blood
82725	fatty acids, blood	Theranos	TSPU	General Chemistry	whole blood
82965	gdh enzyme	Theranos	TSPU	General Chemistry	whole blood
84430	thiocyanate	Theranos	TSPU	General Chemistry	urine
84060	Assay acid phosphatase	Theranos Protocol	FDA cleared/approved	General Chemistry	whole blood
82043	Microalbumin	FDA cleared/approved	FDA cleared/approved	General Chemistry	urine
84443	thyroid stim hormone	Theranos	TSPU	ELISA	whole blood
83036	glycosylated hemoglobin	Theranos	TSPU	ELISA	whole blood
82306	vitamin d, 25 hydroxy	Theranos	TSPU	ELISA	whole blood
84153	psa, total	Theranos	TSPU	ELISA	whole blood
84439	thyroxine, free	Theranos	TSPU	ELISA	whole blood
84702	chorionic gonadotropin	Theranos	TSPU	ELISA	whole blood
86140	c-reactive protein	Theranos	TSPU	ELISA	whole blood
82728	ferritin	Theranos	TSPU	ELISA	whole blood
82607	vitamin b-12	Theranos	TSPU	ELISA	whole blood
87340	hepatitis b surface ag, eia	Theranos	TSPU	ELISA	whole blood
81025	pregnancy , urine	Theranos	TSPU	ELISA	urine
86592	syphilis non-trep qual	Theranos	TSPU	ELISA	whole blood
86703	hiv-1/hiv-2, single	Theranos	TSPU	ELISA	whole blood
86618	lyme disease antibody (IgG and IgM)	Theranos	TSPU	ELISA	whole blood
84484	tropoin, quant (tCNI)	Theranos	TSPU	ELISA	whole blood
84484	tropoin, quant (tCNT)	Theranos	TSPU	ELISA	whole blood
84436	thyroxine, total	Theranos	TSPU	ELISA	whole blood
86803	hepatitis c ab	Theranos	TSPU	ELISA	whole blood
82746	folic acid serum, blood	Theranos	TSPU	ELISA	whole blood
86038	antinuclear antibodies (IgG)	Theranos	TSPU	ELISA	whole blood

83001	gonadotropin (fsh)	Theranos	TSPU	ELISA	whole blood
84403	total testosterone	Theranos	TSPU	ELISA	whole blood
86762	rubella antibody, IgM	Theranos	TSPU	ELISA	whole blood
86317	rubella antibody IgG	Theranos	TSPU	ELISA	whole blood
82670	estradiol	Theranos	TSPU	ELISA	whole blood
84479	thyroid (t3 or t4)	Theranos	TSPU	ELISA	whole blood
82553	creatinine, mb fraction	Theranos	TSPU	ELISA	whole blood
84146	prolactin	Theranos	TSPU	ELISA	whole blood
84480	triiodothyronine (t3)	Theranos	TSPU	ELISA	whole blood
83002	gonadotropin (lh)	Theranos	TSPU	ELISA	whole blood
80101-5	dolophine (methadone)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-16	methadone metabolite	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-7	heroin (opiate screen)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-8	Cocaine	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-2	Ethyl glucuronide	Theranos	TSPU	ELISA	urine
80101-10	Amphetamines	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-11	Phencyclidine (PCP)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-12	Marijuana (THC)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-14	Ecstasy	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
80101-15	Tricyclic Antidepressants	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
85235-01	nuclear antigen antibody, SSB	Theranos	TSPU	ELISA	whole blood
85235-02	nuclear antigen antibody, SSA	Theranos	TSPU	ELISA	whole blood
85235-03	nuclear antigen antibody, Sml	Theranos	TSPU	ELISA	whole blood
85235-04	nuclear antigen antibody, RNP	Theranos	TSPU	ELISA	whole blood
85235-05	nuclear antigen antibody, Scl-70	Theranos	TSPU	ELISA	whole blood
85235-06	nuclear antigen antibody, Jo-1	Theranos	TSPU	ELISA	whole blood
86706	hep b surface antibody	Theranos	TSPU	ELISA	whole blood
83970	parathormone	Theranos	TSPU	ELISA	whole blood
86308	heterophile antibodies (IgM)	Theranos	TSPU	ELISA	whole blood
87430	strep a ag, eia	Theranos	TSPU	ELISA	nasal
82105	alpha-fetoprotein, serum	Theranos	TSPU	ELISA	whole blood
87400-1	influenza a/b, ag, eia	Theranos	TSPU	ELISA	whole blood
87400-2	influenza a/b, ag, eia	Theranos	TSPU	ELISA	whole blood
86431	rheumatoid factor, quant (IgM)	Theranos	TSPU	ELISA	whole blood
84144	progesterone	Theranos	TSPU	ELISA	whole blood
86787	varicella-zoster antibody	Theranos	TSPU	ELISA	whole blood
84466	transferrin	Theranos	TSPU	ELISA	whole blood
84402	testosterone	Theranos	TSPU	ELISA	whole blood
86665-3	epstein-barr antibody IgG	Theranos	TSPU	ELISA	whole blood
86665-2	epstein-barr antibody IgM	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86704	hep b core antibody, total	Theranos	TSPU	ELISA	whole blood
85379	fibrin degradation, quant	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86376	microsomal antibody	Theranos	TSPU	ELISA	whole blood
84481	ft-3, free	Theranos	TSPU	ELISA	whole blood
86709	hep a antibody, igm	Theranos	TSPU	ELISA	whole blood
86800	thyroglobulin antibody, IgG	Theranos	TSPU	ELISA	whole blood
86705	hep b core antibody, igm	Theranos	TSPU	ELISA	whole blood
82785	ige	Theranos	TSPU	ELISA	whole blood
86430-1	rheumatoid factor test, IgG	Theranos	TSPU	ELISA	whole blood
86430-2	rheumatoid factor test, IgA	Theranos	TSPU	ELISA	whole blood
85747-01	parvovirus antibody, IgG	Theranos	TSPU	ELISA	whole blood
82784-1	iga	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
82784-2	igg	Theranos	TSPU	ELISA	whole blood
82784-3	igm	Theranos	TSPU	ELISA	whole blood
82784-4	igd	Theranos	TSPU	ELISA	whole blood
82784-5	igd	Theranos	TSPU	ELISA	whole blood
86708	hep a antibody, total	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86696	herpes simplex type 2	Theranos	TSPU	ELISA	whole blood
86695	herpes simplex	Theranos	TSPU	ELISA	whole blood
86147	cardiolipin antibody	Theranos	TSPU	ELISA	whole blood
82378	carcinoembryonic antigen	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
82677	estriol	Theranos	TSPU	ELISA	whole blood
82533	total cortisol	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
83880	natriuretic peptide	Theranos	TSPU	ELISA	whole blood
86039	antinuclear antibodies (ana)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
83925	oplates	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
82627	dehydroepiandrosterone sulfate [dheas]	Theranos	TSPU	ELISA	whole blood
85765-01	rubeola antibody, IgG	Theranos	TSPU	ELISA	whole blood
85765-02	rubeola antibody, IgM	Theranos	TSPU	ELISA	whole blood
83525	insulin	Theranos	TSPU	ELISA	whole blood
86735	mumps antibody, IgG	Theranos	TSPU	ELISA	whole blood
86677-2	h pylori iab igg	Theranos	TSPU	ELISA	whole blood
86225	dna antibody	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86664	epstein-barr antibody, nuclear antigen, IgG	Theranos	TSPU	ELISA	whole blood
84270	sex hormone globul	Theranos	TSPU	ELISA	whole blood

83090	homocysteine	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
80164	dipropylacetic acid	Theranos	TSPU	ELISA	whole blood, urine
80154	benzodiazepines	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
84432	thyroglobulin	Theranos	TSPU	ELISA	whole blood
86663	epstein-barr antibody, early antigen, IgG	Theranos	TSPU	ELISA	whole blood
84154	psa, free	FDA cleared/approved	FDA cleared/approved	ELISA	urine
86644	cmv antibody, IgG	Theranos	TSPU	ELISA	whole blood
84134	prealbumin	Theranos	TSPU	ELISA	whole blood
80185	phenytoin, total	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
86645	cmv antibody, igm	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86780	Treponema pallidum	Theranos	TSPU	ELISA	whole blood
82232	beta-2 protein	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
82103	alpha-1-antitrypsin, total	Theranos	TSPU	ELISA	whole blood
80156	carbamazepine, total	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
83010	haptoglobin, quant	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
86060	antistreptolysin o, titer	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
80162	digoxin	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
83874	myoglobin	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
83840	methadone	Theranos	TSPU	ELISA	whole blood, urine
80202	vancomycin	Theranos	TSPU	ELISA	whole blood, urine
86160-3	complement component 3 antigen	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
86160-4	complement component 4 antigen	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
82205	barbiturates	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
84681	c-peptide	Theranos	TSPU	ELISA	whole blood
83003	growth hormone (hgh)	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
82668	erythropoietin	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
80184	phenobarbital	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
85302	protein c, antigen; dotting inhibitors or anticoagulants	Theranos	TSPU	ELISA	whole blood
84080	Assay alkaline phosphatases	Theranos	TSPU	ELISA	whole blood
83992	phencyclidine	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood, urine
83887	Assay of nicotine -Urine	Theranos	TSPU	ELISA	urine
83887	Assay of nicotine - serum	Theranos	TSPU	ELISA	whole blood
82172-1	apo a-1	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
82172-2	apo b	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
82941	gastrin	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
80200	tobramycin	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
80198	theophylline	Theranos Protocol	FDA cleared/approved	ELISA	whole blood, urine
82308	calcitonin	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
84442	Assay of thyroid activity	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
85385	Fibrinogen	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
87274	herpes simplex 1, ag, if	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
80170	gentamicin	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
86790-2	dengue fever virus antibodies, IgM	Theranos	TSPU	ELISA	whole blood
86790-3	dengue fever virus antibodies, IgG	Theranos	TSPU	ELISA	whole blood
82610	cystatin c	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
86788	west nile virus ab, igm	Theranos	TSPU	ELISA	whole blood
87273	herpes simplex 2, ag, if	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86619	Borrelia antibody	FDA cleared/approved	FDA cleared/approved	ELISA	whole blood
86753-1	Trypanosoma cruzi IgG_Chagas	Theranos	TSPU	ELISA	whole blood
83520-1	TNF alpha	Theranos	TSPU	ELISA	whole blood
83520-2	IL-6	Theranos	TSPU	ELISA	whole blood
83520-3	IL-8	Theranos	TSPU	ELISA	whole blood
83520-4	IL-10	Theranos	TSPU	ELISA	whole blood
83520-5	IL-12	Theranos	TSPU	ELISA	whole blood
83520-6	IFN gamma	Theranos	TSPU	ELISA	whole blood
84080-2	BSAP	Theranos	TSPU	ELISA	whole blood
83520-7	M30	Theranos	TSPU	ELISA	whole blood
83520-8	M65	Theranos	TSPU	ELISA	whole blood
83520-9	ENA-78 (CXCL5)	Theranos	TSPU	ELISA	whole blood
83520-10	Eotaxin (CCL11)	Theranos	TSPU	ELISA	whole blood
83520-11	RANTES (CCL5)	Theranos	TSPU	ELISA	whole blood
83520-12	TARC (CCL17)	Theranos	TSPU	ELISA	whole blood
83520-13	GLP-1	Theranos	TSPU	ELISA	whole blood
83520-14	IL-1 beta	Theranos	TSPU	ELISA	whole blood
83520-15	Leptin	Theranos	TSPU	ELISA	whole blood
83520-16	VEGF-R2	Theranos	TSPU	ELISA	whole blood
52005	IGF-1	Theranos	TSPU	ELISA	whole blood
G0431QW	Cotinine, Serum and Urine	Theranos	TSPU	ELISA	whole blood, urine
82985	Alpha-1 Acid Glycoprotein	Theranos Protocol	FDA cleared/approved	ELISA	whole blood
87491	chylid tract, dna, amp probe	FDA cleared/approved	FDA cleared/approved	TNAA	urine
87591	n.gonorrhoeae, dna, amp prob	FDA cleared/approved	FDA cleared/approved	TNAA	urine
87536	hiv-1, dna, quant	FDA cleared/approved	FDA cleared/approved	TNAA	whole blood
87522	hepatitis c, rna, quant	FDA cleared/approved	FDA cleared/approved	TNAA	whole blood
87517	hepatitis b, dna, quant	FDA cleared/approved	FDA cleared/approved	TNAA	whole blood
87798	Blood Culture Identification (BCID) Panel	FDA cleared/approved	FDA cleared/approved	TNAA	whole blood

H5N1 flu	Theranos	TSPU	TNAA	respiratory
H7N9 flu - HA gene	Theranos	TSPU	TNAA	respiratory
H7N9 flu - NA gene	Theranos	TSPU	TNAA	respiratory
Influenza A - MP	Theranos	TSPU	TNAA	respiratory
Influenza B - MP	Theranos	TSPU	TNAA	respiratory
Influenza H1N1 novel (2009) - HA	Theranos	TSPU	TNAA	respiratory
Influenza H1N1 seasonal - HA	Theranos	TSPU	TNAA	respiratory
Influenza H3N2 - HA	Theranos	TSPU	TNAA	respiratory
Bocavirus 1 + 3	Theranos	TSPU	TNAA	respiratory
Bocavirus 2 + 4	Theranos	TSPU	TNAA	respiratory
Coronavirus MERS	Theranos	TSPU	TNAA	respiratory
Metapneumovirus A	Theranos	TSPU	TNAA	respiratory
Metapneumovirus B	Theranos	TSPU	TNAA	respiratory
Parainfluenza 1	Theranos	TSPU	TNAA	respiratory
Parainfluenza 2	Theranos	TSPU	TNAA	respiratory
Parainfluenza 3	Theranos	TSPU	TNAA	respiratory
Parainfluenza 4a	Theranos	TSPU	TNAA	respiratory
Parainfluenza 4b	Theranos	TSPU	TNAA	respiratory
RSV A	Theranos	TSPU	TNAA	respiratory
RSV B	Theranos	TSPU	TNAA	respiratory
Adenovirus B	Theranos	TSPU	TNAA	respiratory
Adenovirus C	Theranos	TSPU	TNAA	respiratory
Adenovirus E	Theranos	TSPU	TNAA	respiratory
Coronavirus 229E	Theranos	TSPU	TNAA	respiratory
Coronavirus HKU1	Theranos	TSPU	TNAA	respiratory
Coronavirus NL63	Theranos	TSPU	TNAA	respiratory
Coronavirus OC43	Theranos	TSPU	TNAA	respiratory
Measles	Theranos	TSPU	TNAA	respiratory, urine
Mumps	Theranos	TSPU	TNAA	respiratory, urine
Rhinovirus A	Theranos	ISPU	TNAA	respiratory
Rhinovirus B	Theranos	TSPU	TNAA	respiratory
Rhinovirus C	Theranos	TSPU	TNAA	respiratory
Rubella	Theranos	TSPU	TNAA	respiratory, blood
Streptococcus pyogenes (strep A)	Theranos	TSPU	TNAA	respiratory
Mycobacterium abscessus	Theranos	TSPU	TNAA	respiratory, blood
Bordetella parapertussis	Theranos	TSPU	TNAA	respiratory
Bordetella pertussis	Theranos	TSPU	TNAA	respiratory
Bordetella holmesii	Theranos	TSPU	TNAA	respiratory
Chlamydia pneumoniae	Theranos	TSPU	TNAA	respiratory
Enterobacter aerogenes	Theranos	TSPU	TNAA	respiratory
Enterobacter cloacae	Theranos	TSPU	TNAA	respiratory
H. influenzae bioROB	Theranos	TSPU	TNAA	respiratory, blood
H. influenzae bioTEM	Theranos	TSPU	TNAA	respiratory, blood
Haemophilus influenzae	Theranos	TSPU	TNAA	respiratory, blood
Haemophilus parainfluenzae	Theranos	ISPU	TNAA	respiratory, blood
Legionella pneumophila	Theranos	TSPU	TNAA	respiratory
Mycoplasma pneumoniae	Theranos	TSPU	TNAA	respiratory
Penicillin-resistant S. pneumo	Theranos	TSPU	TNAA	respiratory
Streptococcus pneumoniae	Theranos	TSPU	TNAA	respiratory
Acinetobacter baumannii	Theranos	TSPU	TNAA	respiratory, blood
Burkholderia cepacia	Theranos	TSPU	TNAA	respiratory
Klebsiella pneumoniae	Theranos	TSPU	TNAA	respiratory, blood, urine
KPC resistance gene	Theranos	TSPU	TNAA	respiratory, blood, urine
Moraxella catarrhalis	Theranos	TSPU	TNAA	respiratory
MRSA	Theranos	TSPU	TNAA	respiratory
MTB	Theranos	TSPU	TNAA	respiratory
Serratia marcescens	Theranos	TSPU	TNAA	respiratory, blood, urine
Staphylococcus aureus	Theranos	TSPU	TNAA	respiratory
Staphylococcus aureus (Vancomycin-resistant) VRSA	Theranos	TSPU	TNAA	respiratory
Clostridium sordellii	Theranos	TSPU	TNAA	respiratory, blood
Pseudomonas aeruginosa	Theranos	TSPU	TNAA	respiratory, blood, urine
Vancomycin-resistant Enterococci (VRE)	Theranos	TSPU	TNAA	respiratory, blood, urine
Dengue Virus 1	Theranos	TSPU	TNAA	blood
Dengue Virus 2	Theranos	TSPU	TNAA	blood
Dengue Virus 3	Theranos	TSPU	TNAA	blood
Dengue Virus 4	Theranos	TSPU	TNAA	blood
Pan Plasmodium	Theranos	TSPU	TNAA	blood
Trypanosoma cruzi	Theranos	TSPU	TNAA	blood
West Nile Virus 1	Theranos	TSPU	TNAA	blood
West Nile Virus 2	Theranos	TSPU	TNAA	blood
HIV-1 Group M (Assay 1 & 2)	Theranos	TSPU	TNAA	blood
HIV-2 Group A	Theranos	TSPU	TNAA	blood
HIV-2 Group B	Theranos	TSPU	TNAA	blood
Hepatitis A	Theranos	TSPU	TNAA	blood
HepDelta	Theranos	TSPU	TNAA	blood

Epstein-Barr Virus	Theranos	TSPU	TNAA	blood
HSV1/HSV2	Theranos	TSPU	TNAA	blood
Streptococcus agalactae (strep B)	Theranos	TSPU	TNAA	urine
Trichomonas vaginalis	Theranos	TSPU	TNAA	urine
Varicella-zoster	Theranos	TSPU	TNAA	blood

\* Theranos Protocol means FDA-cleared assays running a Theranos protocol (i.e. modified under the CLIA regulations). These assays are thus validated as LDTs.