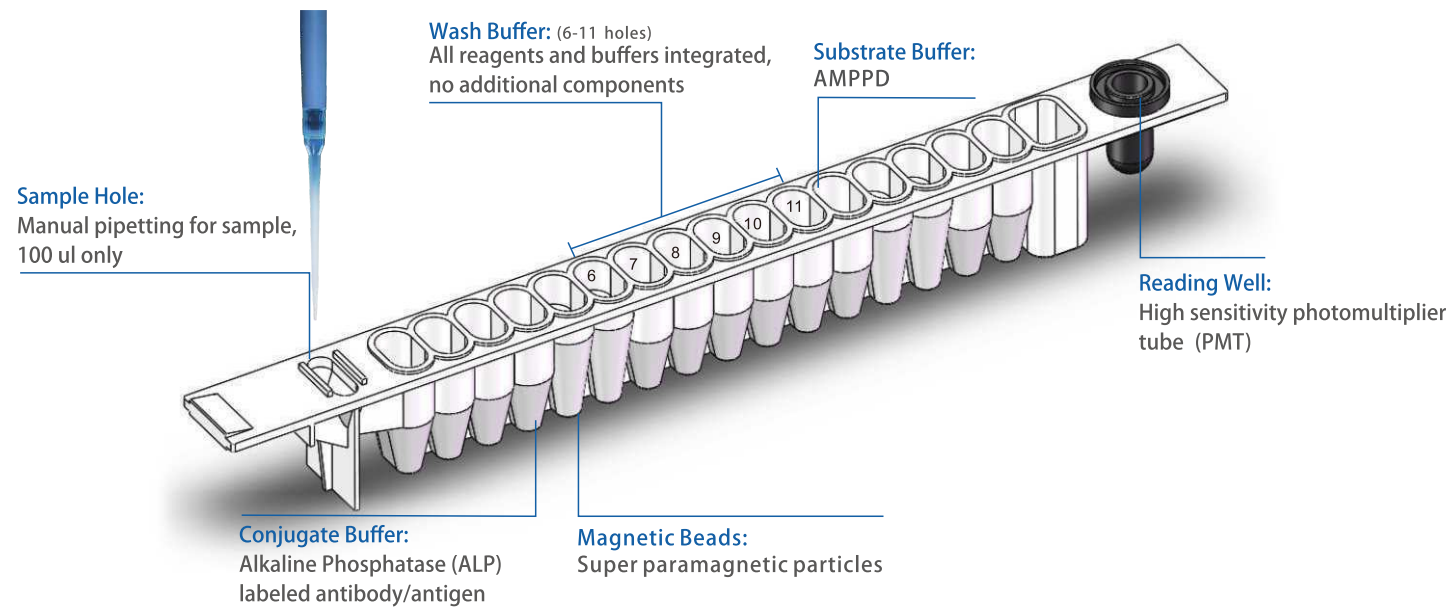
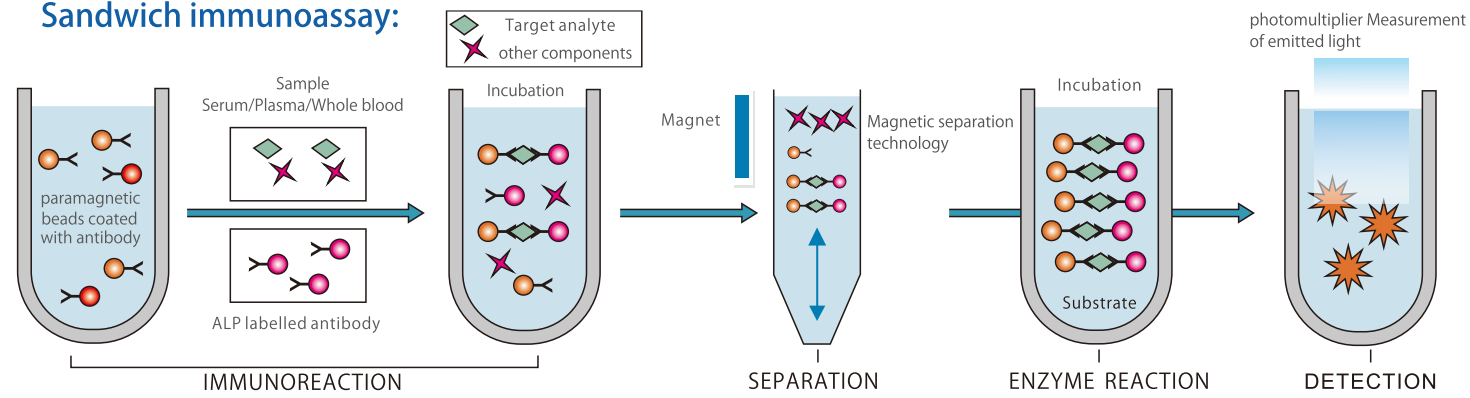


Reagent Cartridge

Reagent Cartridge:



Sandwich immunoassay:



Calibrators & Controls:



Reagent features:

- State-of-the-art Chemiluminescence test method
- Single test concept, one sample, one cartridge, one result
- Precision: CV<10%
- Original Reagents, Calibrators & Quality controls with traceability system
- 18 months actual period of validity, 90 days calibration validity period

Mini-CLIA

RL-C2000

Automatic Chemiluminescence Immunoassay System



- PRECISE
- CONVENIENT
- EFFICIENT



ISO 13485

Mini-CLIA Assay Solutions

Tumor Marker		Hormone	Infectious Disease	TORCH	Inflammatory Disease	Diabetes	Anemia
AFP	Ca50	FSH	2019-nCoV-IgG	HSV-I IgG	HS-CRP	Insulin	Vb12
CA15-3	Ca242	PRL	2019-nCoV-IgM	HSV-I IgM	PCT	C-peptide ✓	Ferritin
CA19-9	CA72-4	PROG	COVID-nAb	Toxo IgG	IL-6 ✓	MALB	Folate ✓
Ca125	PAP	E2	MP IgG	Toxo IgM	SAA ✓		
CEA	PIVKA-II	AMH	MP IgM	Rubella IgG	Lp-PLA2		
t-PSA	HER-2	TESTO	DEN NS1 Ag	Rubella IgM			
f-PSA	TPA	LH	HCV	CMV IgG			
He4		HCG	HBsAg	CMV IgM			
CYFRA21-1 ✓		β-HCG	HBeAb	HSV-II IgG			
NSE ✓		ACTH ✓	HBeAg	HSV-II IgM			
PGI		Cor	HBcAb	HSV-I/II IgG			
PGII		PAPP-A	HBsAb	HSV-I/II IgM			
PR		uE3	HIVAg/Ab Combo				
SCCA		DHEA-S	HRP-II				
ProGRP		Free β-HCG	Anti-TP				
β2-MG							

Thyroid Function	Cardiac Markers	Bone Metabolism	Rheumatoid arthritis	Thrombus	Allergy	DOA
Ft3	NT-proBNP	25-OH VD	Anti-CCP ✓	D-Dimer	Total IgE	MOP
Ft4	CK-MB ✓	PTH	RF IgM ✓			MET
Tt3	hs-cTnI ✓	hGH				THC
Tt4	MYO ✓	Osteocalcin				OPI
TSH	Lp(a)					AMP
TG	MPO					KET
Anti-Tg ✓	St2					BZO
Anti-TPO ✓	BNP					BUP
Anti-TP	cTnT					COC
						CATH
						MDMA
						PCP

AFP: Launched He4: Coming soon ✓ : will be Launched before the end of 2022

Mini-CLIA (RL-C2000)

Automatic Chemiluminescence Mini-CLIA

Instrument Features

Industry-leading precision and accuracy	<ul style="list-style-type: none"> High level of accuracy from chemiluminescence technology
Flexible, reliable testing	<ul style="list-style-type: none"> Ability to run serum/plasma/Urine/Saliva/Hair samples 8 simultaneous tests in under 20 minutes Flexibility to perform any of the assays
Simple. User-friendly	<ul style="list-style-type: none"> Single test reagent cartridge Color touchscreen controls Less than 4 steps to get accurate result
Quality and Compatibility	<ul style="list-style-type: none"> Easily interfaces with Laboratory Information Systems L-J, Westguard QC



Technical Specification:

Instrument type:	Bench-top Automatic Chemiluminescence Analyzer
Throughput:	Up to 8 samples or assays per run
Measuring time:	20-40 mins
Measuring principle:	Cheiluminescent Microparticle Immunoassay(CMIA)
Sampling material:	Serum/Plasma/Urine/Saliva/Hair
Test mode:	Batch mode
Test speed:	>32 tests/hour
Calibration:	Factory Calibration, 2-point calibration every 90 days
Quality Control:	2 level-Lyophilised Quality Controls available
Monitor/Keyboard:	LCD Touchscreen
PC:	Integrated
Interface:	USB, RS232, Ethernet port supports LIS connection
Data storage:	Automatically stored
Weight:	25KGS
Dimensions:	525*480*530mm

Mini-CLIA (RL-C2000)



Range	Parameter	REF	Code	Minimum Specimen	Calibration-Control		Control		Specimen	Sample Pre-Treatment	Test time (minutes)	Measurement Range or Interpretation	Test Group
					Test	Frequency	Test	Frequency					
Tumor Marker	Alpha-fetoprotein (AFP)	C2KA001	001	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.5-1000ng/mL	4
	Carbohydrate Antigen 15-3 (CA15-3)	C2KA002	002	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	1.0-300U/mL	4
	Carbohydrate Antigen 19-9 (CA19-9)	C2KA003	003	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	1.0-2000U/mL	4
	Carbohydrate Antigen 125 (CA125)	C2KA004	004	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	1.0-5000U/mL	4
	Carcinoembryonic Antigen (CEA)	C2KA005	005	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.2-600ng/mL	4
	Total Prostate Specific Antigen (t-PSA)	C2KA015	070	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.1-100ng/mL	4
	Free Prostate Specific Antigen (f-PSA)	C2KA016	071	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.05-60ng/mL	4
Thyroid Function	Free T3 (FT3)	C2KB001	015	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.5-30pg/mL	1
	Free T4 (FT4)	C2KB002	016	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.1-5.0ng/dL	1
	Total T3 (TT3)	C2KB003	017	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.25-10ng/mL	1
	Total T4 (TT4)	C2KB004	018	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	10-250ng/mL	1
	Thyroid Stimulating Hormone (TSH)	C2KB005	019	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.05-100mIU/L	1
Hormone	Follicle-Stimulating Hormone (FSH)	C2KC001	023	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.2-200mIU/mL	2
	Prolactin (PRL)	C2KC002	024	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.5-200ng/mL	2
	Progesterone (PROG)	C2KC003	025	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.10-40.00ng/mL	2
	Estradiol (E2)	C2KC004	026	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	10-2400pg/mL	2
	Beta-Human Chorionic Gonadotropin (β-HCG)	C2KC006	028	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	48	0.5-2500mIU/mL	3
	Anti-Mullerian Hormone (AMH)	C2KC008	030	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.05-23ng/mL	2
	Luteinizing Hormone (LH)	C2KC010	032	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.2-200mIU/mL	2
	Testosterone (TESTO)	C2KC012	034	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.05-20ng/mL	2
Anemia	Vitamin B12 (VB12)	C2KD001	038	70µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	43	50-2000pg/mL	17
	Ferritin (Fer)	C2KD003	040	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	1-2000ng/mL	21
Cardiac Markers	Creatine Kinase MB (CK-MB)	C2KE001	041	80µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	26	2.0-300ng/mL	5
	High Sensitive Cardiac Troponin I (hs-cTnI)	C2KE002	042	80µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	26	0.01-50ng/mL	5
	Myoglobin (MYO)	C2KE003	043	80µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	26	5-1000ng/mL	5
	N-terminal pro B-type Natriuretic Peptide (NT-proBNP)	C2KE005	045	80µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	26	15-30000pg/mL	5

Mini-CLIA (RL-C2000)



Range	Parameter	REF	Code	Minimum Specimen	Calibration-Control		Control		Specimen	Sample Pre-Treatment	Test time (minutes)	Measurement Range or Interpretation	Test Group
					Test	Frequency	Test	Frequency					
Inflammat y	High Sensitive C-Reactive Protein (hsCRP)	C2KF001	048	30µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	0.1-20mg/mL	7
	Procalcitonin (PCT)	C2KF004	051	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	0.04-100ng/mL	9
Diabetes	Insulin (INS)	C2KG002	054	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	37	1.0-500µIU/mL	2
Bone Metabolism	25-Hydroxy Vitamin D (25-OH VD)	C2KH001	057	60µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	42	3.5-160ng/mL	22
	Parathyroid Hormone (PTH)	C2KH002	058	80µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	2-5000pg/mL	18
Thrombus	D-Dimer (DD)	C2KK001	066	40µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Plasma (Sodium Citrate)	NO	26	0.01-20µg/mL (FEU)	8
TORCH	Herpes Simplex Virus - I IgG (HSV- I IgG)	C2KL001	067	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	Qualitative test: Negative, Positive or Uncertain	10
	Herpes Simplex Virus - II IgG (HSV- II IgG)	C2KL002	068	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	Qualitative test: Negative, Positive or Uncertain	10
	Toxoplasma IgG (Toxo IgG)	C2KL003	088	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	0.5-200.0IU/ml	10
	Toxoplasma IgM (Toxo IgM)	C2KL004	089	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	Qualitative test: Negative, Positive or Uncertain	4
	Rubella IgG (Rub IgG)	C2KL005	090	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	0.5-500.0IU/ml	10
	Rubella IgM (Rub IgM)	C2KL006	091	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	Qualitative test: Negative, Positive or Uncertain	4
	Cytomegalovirus IgG (CMV IgG)	C2KL007	092	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	0.5-200.0IU/ml	10
	Cytomegalovirus IgM (CMV IgM)	C2KL008	093	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	Qualitative test: Negative, Positive or Uncertain	4
Allergy	Herpes Simplex Virus - I / II IgM (HSV- I / II IgM)	C2KL010	095	50µL	Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	36	Qualitative test: Negative, Positive or Uncertain	4
	Total Immunoglobulin E (Total IgE)	C2KM001	069	50µL	Cal-1, Cal-2	90 days	QC1, QC2	Not less than once a week	Serum/Plasma (EDTA , heparin)	NO	47	5-2000IU/ml	19

Mini-CLIA (RL-C2000)



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