



Human Chromogranin A EIA Kit

Cat# YII-YK070-EX

Chromogranin A (CgA) is an acidic secretory protein, consisting of 439 amino acid in human. The protein is found in a wide variety of hormone and neurotransmitter storage vesicles, and it is known to be co-stored and co-released with catecholamines from adrenal medulla and sympathetic neuronal vesicles during exocytosis. O'Conner and Bernstein have first reported radioimmunological measurement of CgA in human plasma under conditions of physiologic, pharmacologic and pathologic alteration of sympathoadrenal function. Nakane et al. recently discovered that CgA-LI exists in saliva, the concentration of which elevates rapidly under psychosomatic stress even prior to the elevation of salivary cortisol level. Subsequently, Kanno et al. presented an evidence for autonomic control of submandibular CgA-LI secretion in the anaesthetized rat.

Yanaihara Institute Inc. succeeded in developing, for the first time, a specific, sensitive, stable and easy manipulative enzyme immunoassay (EIA) system for measurement of human CgA-LI using anti-synthetic human CgA(344-374) antibody, synthetic human CgA(344-374) as standard antigen and N α -biotinyglycylglycyl human CgA(344-374) as labeled antigen. The assay kit now available from the Institute can be used for measurement of CgA-LI in human biological fluid such as plasma, urine and saliva.

Composition

1. Antibody coated plate	1 plate(96 wells)
2. CgA Standard	1 bottle
3. Labeled antigen	1 bottle
4. Specific antibody	1 bottle
5. SA-HRP solution	1 bottle
6. Substrate buffer	1 bottle
7. OPD tablet	2 tablets
8. Stopping solution	1 bottle
9. Buffer solution(concentrate)	1 bottle
10. Washing solution(concentrated)	1 bottle
11. Adhesive foil	3 sheets

Store at 2 to 8 ° C

Shelf life: 6 month



- Assay range: 10 - 1,000 fmol/mL
- For 40 test samples in duplicate
- Test sample: saliva, plasma, urine
- Microplate: divisible
- Test sample volume: 25 μ L
- Test duration: 16 – 20 hours + 2.5hours

Cat#	Description	Assay range	Assay sample volume	Assay time	Price
YII-YK070-EX	Human Chromogranin A EIA Kit	10-1000 fmol/mL	25 μ L (Plasma, Urine, Saliva)	16-20 hr + 2.5 hr	¥76000 \$ 724 € 585



High performance specific assay EIA & ELISA Kits List

Cat#	Description	Assay range	Assay sample volume	Assay time	Price
YII-YK010-EX	Rat C-peptide EIA Kit	1.56-50 ng/mL	50 μ L (Culture Supernatant, Plasma, Serum, Urine)	5.5hr	¥76000 \$ 724 € 585
YII-YK011-EX	Mouse C-Peptide I EIA Kit	0.617-50 ng/mL (Detection Limit 0.206 ng/mL)	25 μ L (Serum, Plasma, Urine)	16-18hr + 2.5hr	¥76000 \$ 724 € 585
YII-YK012-EX	Mouse C-Peptide II EIA Kit	0.412-100 ng/mL	25 μ L (Serum, Plasma, Urine)	16-18hr + 2.5hr	¥76000 \$ 724 € 585
YII-YK050-EX	Rat Leptin ELISA Kit	78.1-20000 pg/mL	20 or 50 μ L (Culture Supernatant, Plasma, Serum, Urine)	5.5hr	¥60000 \$ 572 € 462
YII-YK051-EX	Rat Leptin-HS ELISA Kit	78.1-2500 pg/mL	25 μ L (Plasma, Serum)	6.5hr	¥60000 \$ 572 € 462
YII-YK060-EX	Insulin ELISA Kit	0.137-100 ng/mL	25 μ L (Serum)	16-20hr + 4hr	¥50000 \$ 477 € 385
YII-YK080-EX	Human PYY EIA Kit	25-10000 pg/mL	25 μ L	5.5hr	¥76000 \$ 724 € 585
YII-YK081-EX	Rat PYY EIA Kit	50-10000 pg/mL	25 μ L	18-24hr + 2.5hr	¥76000 \$ 724 € 585
YII-YK090-EX	Glucagon EIA kit (Use for Rat / Human / Mouse Glucagon) (Pancreatic glucagon specific)	50-10000 pg/mL	100 μ L (or 50 μ L) (Plasma, Urine)	100 μ L: 20-24hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK100-EX	Human/Rat NO Synthase-I EIA Kit	0.98-1000 ng/mL	50 μ L (Tissue Extract)	24hr + 135min.	¥76000 \$ 724 € 585
YII-YK111-EX	Rat Glicentin EIA kit	206-50000 fmol/mL	30 μ L (Plasma)	16-18 hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK130-EX	Rat/Human CRF ELISA Kit	0.313-20 ng/mL	50 μ L (Rat Brain Tissue Extract)	6.5hr	¥76000 \$ 724 € 585
YII-YK140-EX	Rat GLP-2 EIA Kit (Gulicagon Like Peptide-1 EIA kit)	0.137-100 ng/mL	25 μ L (Serum, Plasma)	16-18hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK141-EX	Human GLP-2 EIA Kit (Gulicagon Like Peptide-1 EIA kit)	0.137-100 ng/mL	25 μ L (Plasma)	16-18hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK142-EX	Mouse GLP-2 EIA Kit (Gulicagon Like Peptide-1 EIA kit)	0.412-100 ng/mL	25 μ L (Serum, Plasma)	16-18hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK150-EX	Human S-100 β ELISA Kit	98-6300 pg/mL	30 μ L (Plasma)	15-24hr + 4.5hr	¥76000 \$ 724 € 585
YII-YK160-EX	GLP-1 EIA Kit (Use for Rat/Human/Mouse GLP-1)	206-50000 pg/mL	30 μ L (Plasma)	16-18hr + 1.5hr	¥76000 \$ 724 € 585
YII-YK180-EX	Estrone EIA Kit	4.8-5000 pg/mL	100 μ L	17-19hr + 4hr	¥76000 \$ 724 € 585

Distributor



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Inspiration for Life Science

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