



High Sensitivity GLP-1, Active form Assay Kit

Research Use Only

- ✓ No extraction process is required.
- ✓ Samples in fasting can be measured.
- ✓ Minimum sample volume is 20 μ L.

Human / Mouse / Rat

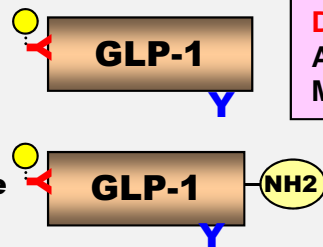
Product Code	Product Name	Incubation	Measurement Range (pmol/L)	Cross Reactivity (%)	Measuring Samples
27700	GLP-1, Active form (High sensitivity) Assay Kit - IBL	1 st : 2~8°C Overnight 2 nd : 2~8°C 60min Chromogen: R.T. 30 min	0.25-16	GLP-1(7-36) amide: 100 GLP-1(7-37): 100 GLP-1(9-36) amide: 0.02 GLP-1(1-37): 0.04	EDTA-plasma (DPP4 inhibitor has to be added.) Cell Culture Supernatant

#27700 GLP-1, Active form (High sensitivity) Assay Kit – IBL can measure **low concentration** of GLP-1, Active form in fasting. Only a tiny amount of samples (20 μ L) is required and the point is advantage for especially measuring GLP-1, active form in **mouse and rat samples**.

#27700 GLP-1, Active form (High sensitivity) Assay Kit - IBL

GLP-1, Active form (7-37)

GLP-1, Active form (7-36) amide

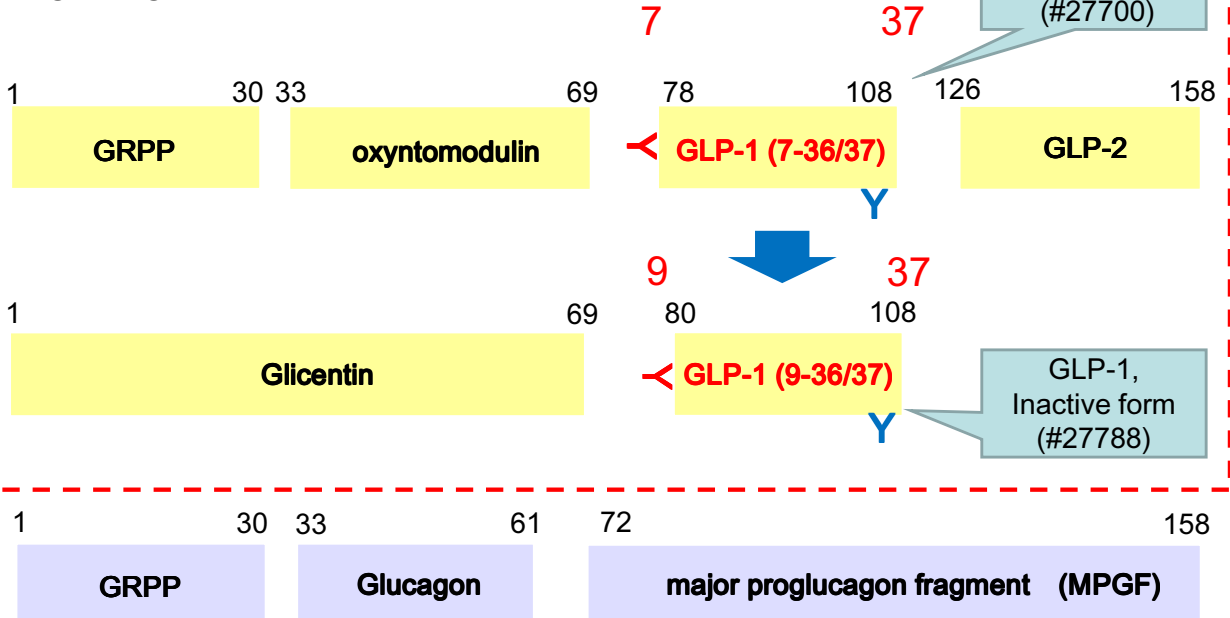


HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR(G)

Detection :
Anti-GLP-1 (7-12) (156A2C)
MoAb Fab' – HRP conjugate

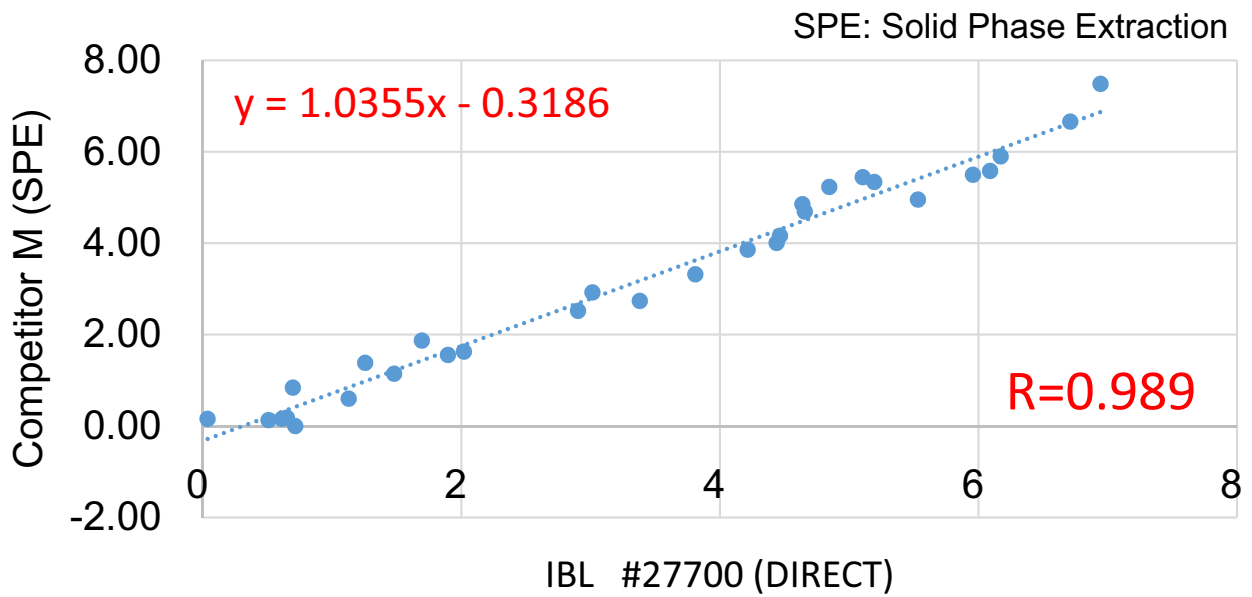
Capture :
Anti-GLP-1 (20-37)
Rat MoAb IgG (17A1A)

Processing of pro-glucagon



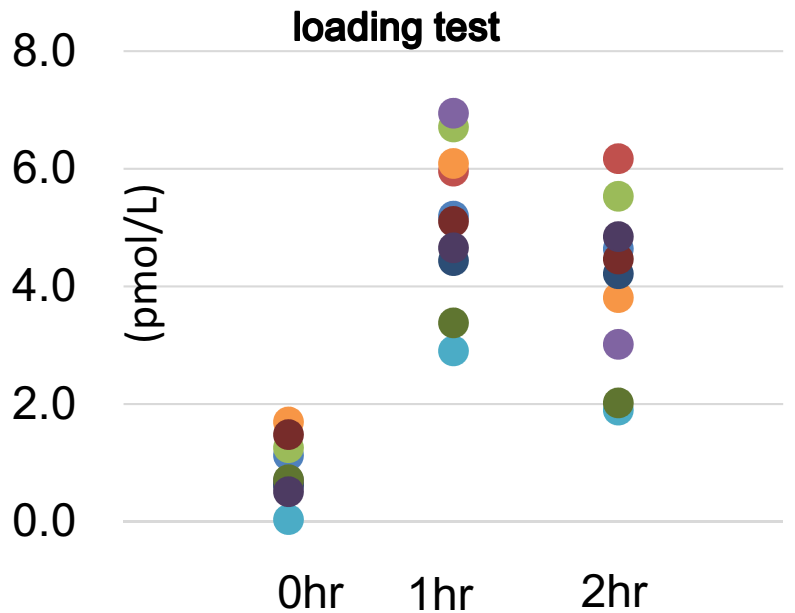
CORRELATION DATA

IBL #27700 (DIRECT) VS COMPETITOR M (SPE)



No.	27700		
Assay	GLP-1, Active (pmol/L)		
Tube	BD P800		
subjects	Plasma		
Dilution	x2		
	0hr	1hr	2hr
No.1	1.1	5.2	4.6
No.2	0.7	6.0	6.2
No.3	1.3	6.7	5.5
No.4	0.7	6.9	3.0
No.5	0.0	2.9	1.9
No.6	1.7	6.1	3.8
No.7	0.6	4.4	4.2
No.8	1.5	5.1	4.5
No.9	0.7	3.4	2.0
No.10	0.5	4.7	4.8
Avg.	0.9	5.1	4.1

Fat and Carbohydrate mixture



Meal Test C (115g), Saraya

10 healthy subjects
Comparison before/after meal

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