

Information for YK080 Human PYY EIA

April 7, 2009

We are pleased to announce that we have improved the product YK080 Human PYY EIA Kit on the following points for the kit which can be used for measurement of human PYY (3-36) and (1-36) at same equivalent level with 100% crossreactivity. As the minor changes were done in the improved kit, please read all the package insert carefully before beginning the assay.

<b>Improvement</b>	<b>Before improvement</b>	<b>After improvement</b>
Specificity	Human PYY (1-36) 100% Human PYY (3-36) 40%	Human PYY (1-36) 100% Human PYY (3-36) 100%
The range of measurement	0.14 ~ 100 ng/mL	0.082 ~ 20 ng/mL
Sample	Human plasma	Human serum, human plasma
1st incubation temperature and time	Room temperature 16 ~ 20 hours	4 ~ 16 ~ 18 hours + room temperature 40mins.
Enzyme substrate	OPD	TMB
Wave length	490 nm	450 nm

Correlation after improvement  
correlation  $r=0.927$   $n=40$   
Regression analysis  $Y=0.0785X + 0.247$   
Y=the measurement value after improvement  
X=the measurement value before improvement

We appreciate your interest in our products and look forward to receiving your feedback. If you have any other question about the product, please do not hesitate to contact us at [ask@yanaihara.co.jp](mailto:ask@yanaihara.co.jp)

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