

Caution for Operations

#27782 soluble (Pro) renin Receptor Assay Kit - IBL

1. The measurement value might be affected by storage conditions after collecting urine samples as it can be considered that soluble (Pro)renin receptor in urine sample is easily adsorbed to containers or tubes that are used for collecting urine.
2. Please dilute urine samples 10 fold using enclosed EIA buffer of the ELISA kit (#27782) **immediately after collecting urine samples** and store it in frozen (recommended at -80°C). In this case, dilution is not required prior the assay. Diluted sample in frozen is stable even after freeze and thaw.
3. In that case, urine samples cannot be diluted immediately after collection, add blocking solution (contains 1% BSA) in containers or tubes that are used for collecting urine as it may helps for avoiding the risk of adsorption. Please dilute the samples within 2 hours even if they are treated as above.

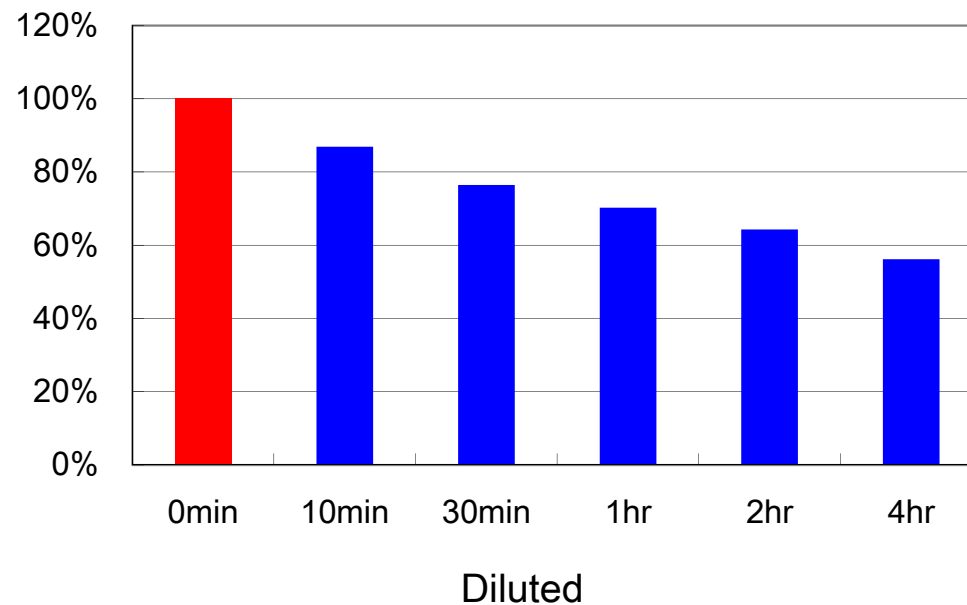
Stability Test - Urine Samples

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a) Raw Urine

(in Harun Cup
at Room Temperature)

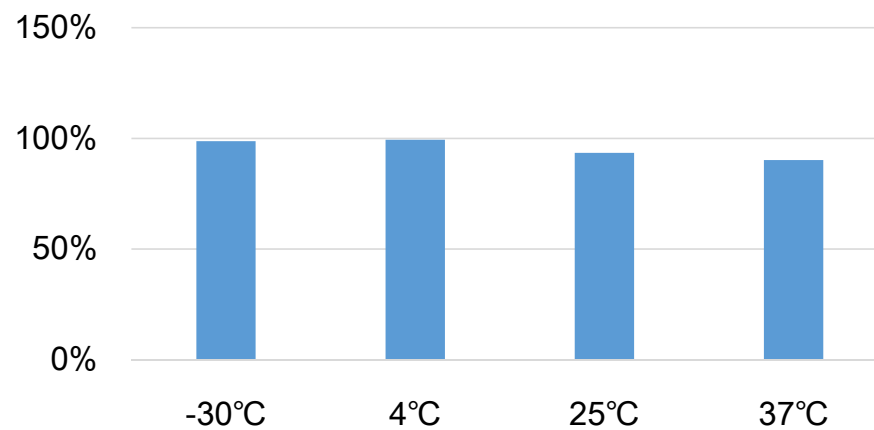
0min	100%
10min	87%
30min	76%
60min	70%
120min	64%
240min	56%



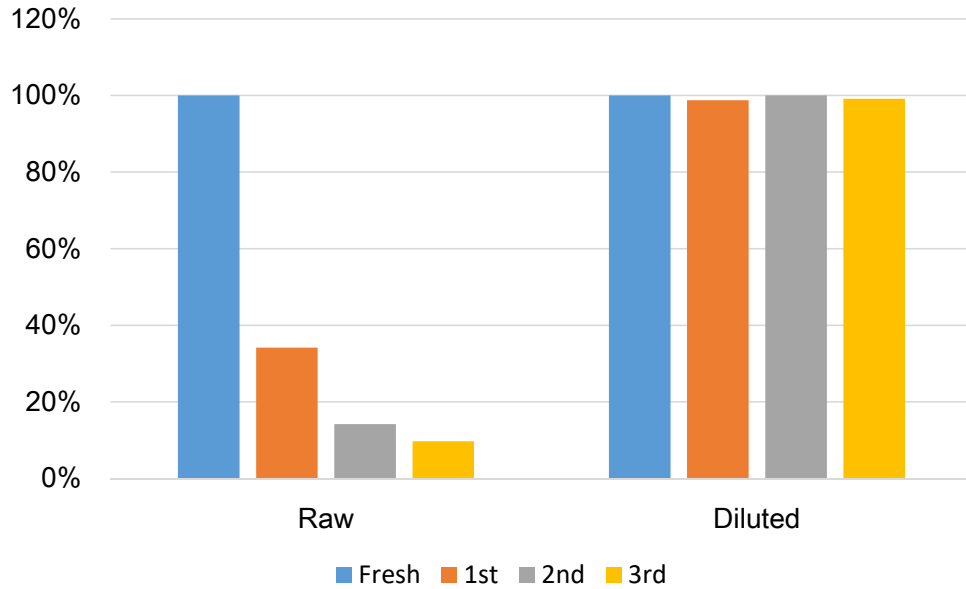
b) 10-fold diluted with EIA Buffer

24 hours later

-30°C	98.7%
4°C	99.4%
25°C	93.5%
37°C	90.2%



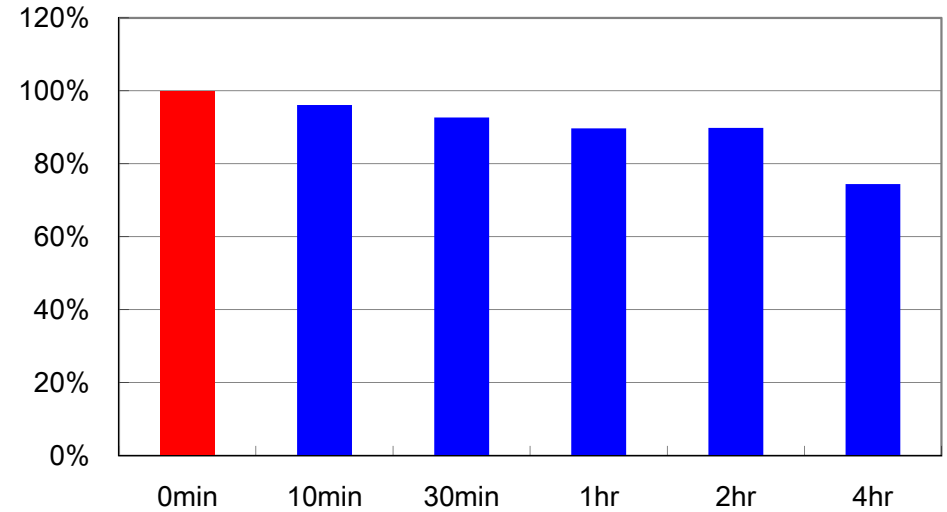
(c) Freeze-Thaw



	Raw	Diluted
Fresh	100.0%	100.0%
1st	34.2%	99%
2nd	14.2%	100%
3rd	9.7%	99%

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(d) Harun Cup coated with 1% BSA



0min	100.0%
10min	96.1%
30min	92.7%
1hr	89.7%
2hr	89.9%
4hr	74.5%

in Harun Cup
at Room Temperature