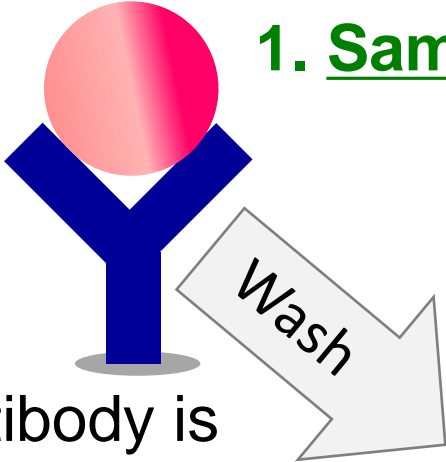


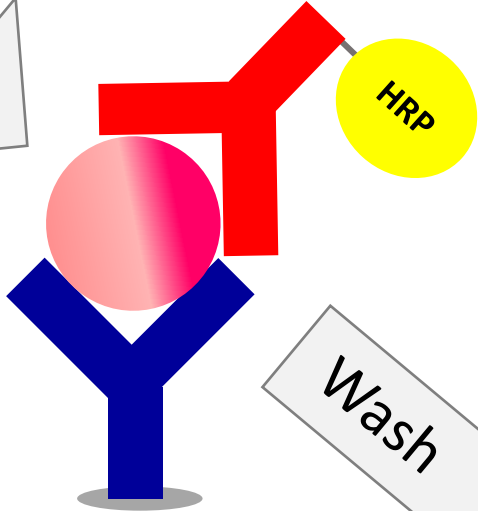
Only 3 steps
Reactions!

1. Sample apply



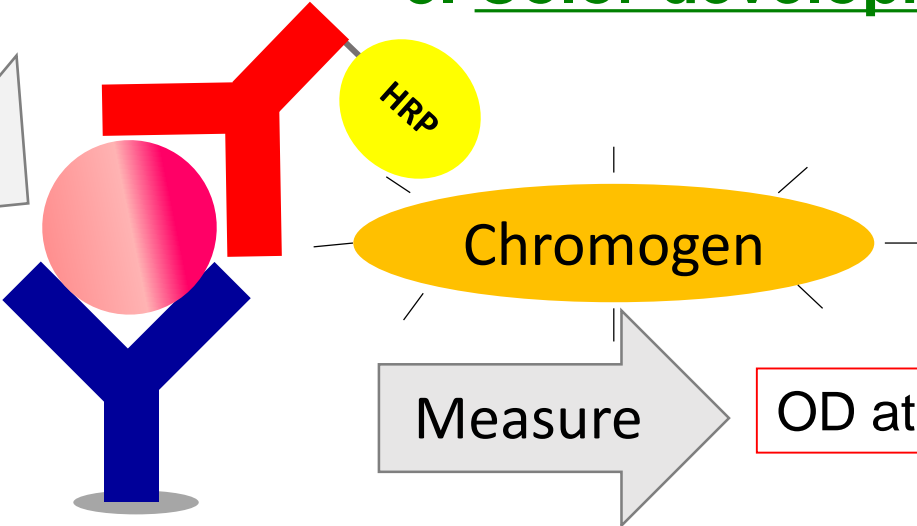
✓ Capture antibody is already coated on the plate.

2. HRP-Ab apply



✓ HRP is directly conjugated.

3. Color development



- Easy to Use
- Ready to Use (All in one)
- High Specificity

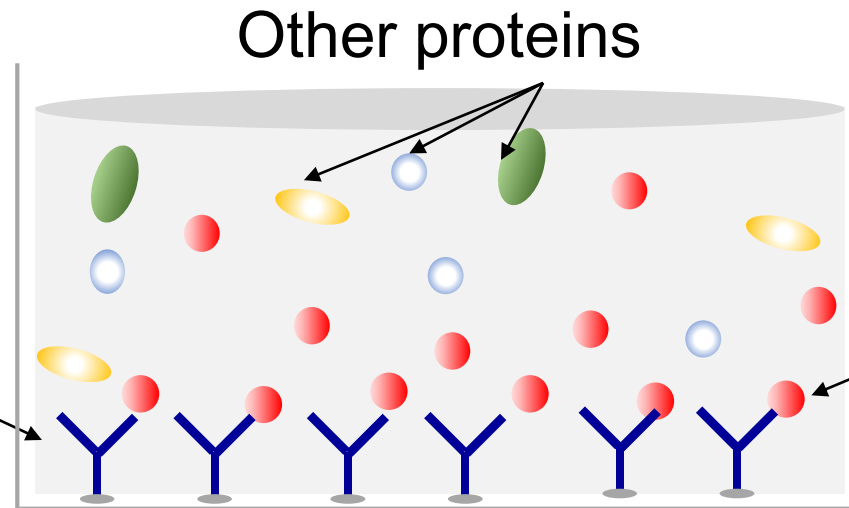


Need more details?

1st Reaction

1. Add **test sample blank**
2. Add **prepared test samples and standard**
3. Incubation – **1st reaction**

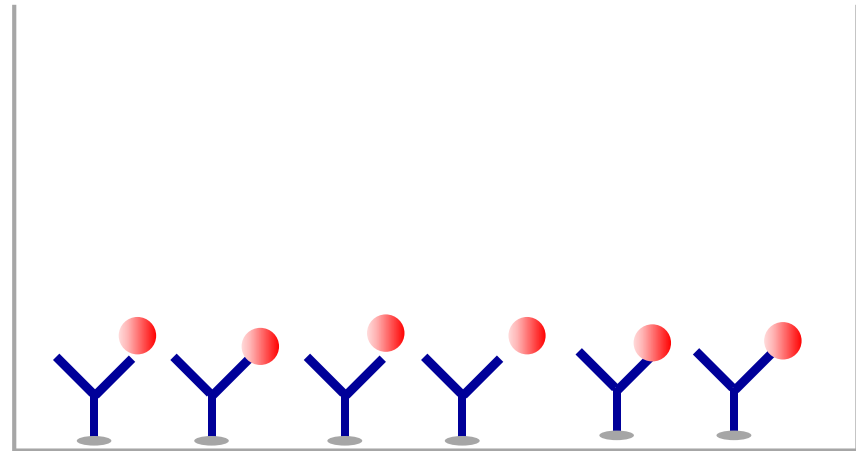
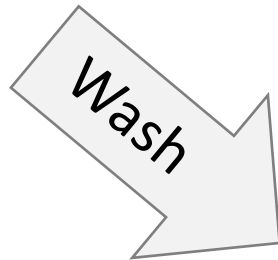
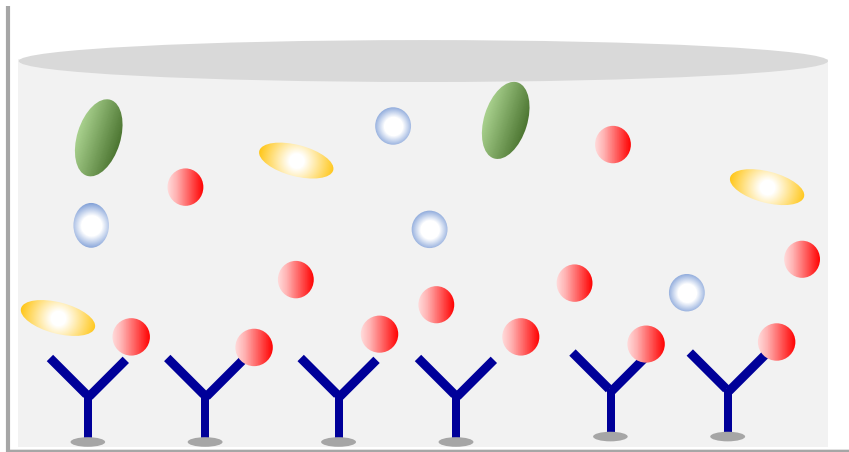
Capture antibodies are coated on the microtiter plate.



1st Reaction
30 min to Overnight
2-8 °C or 37 °C

1st Wash

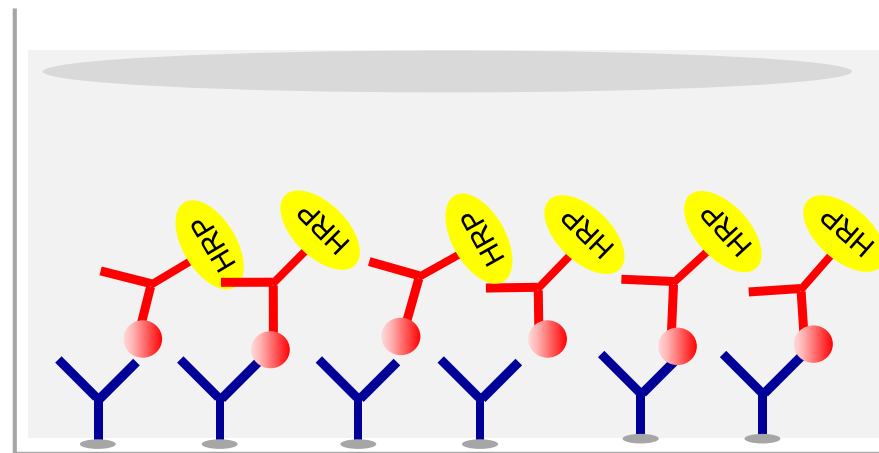
✓ Wash 4 or 5 times by washer.



2nd Reaction

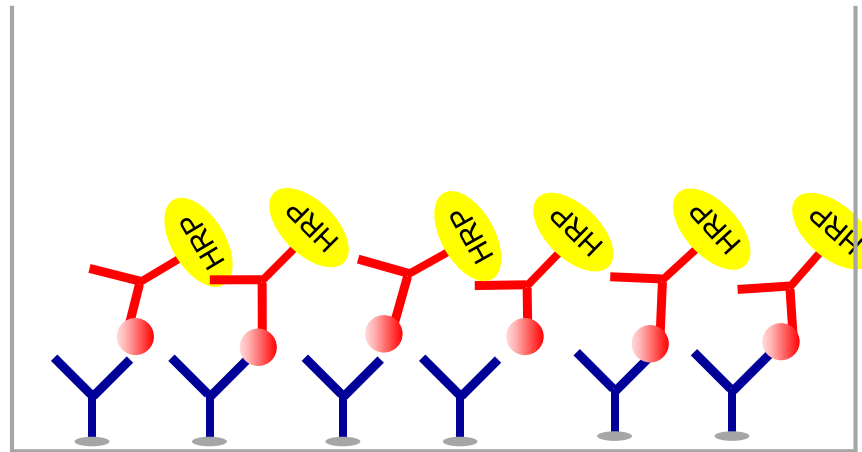
- ✓ Add prepared **labeled antibody**
- ✓ Incubation – **2nd reaction**

2nd Reaction
up to 60 min
2-8 °C or 37 °C



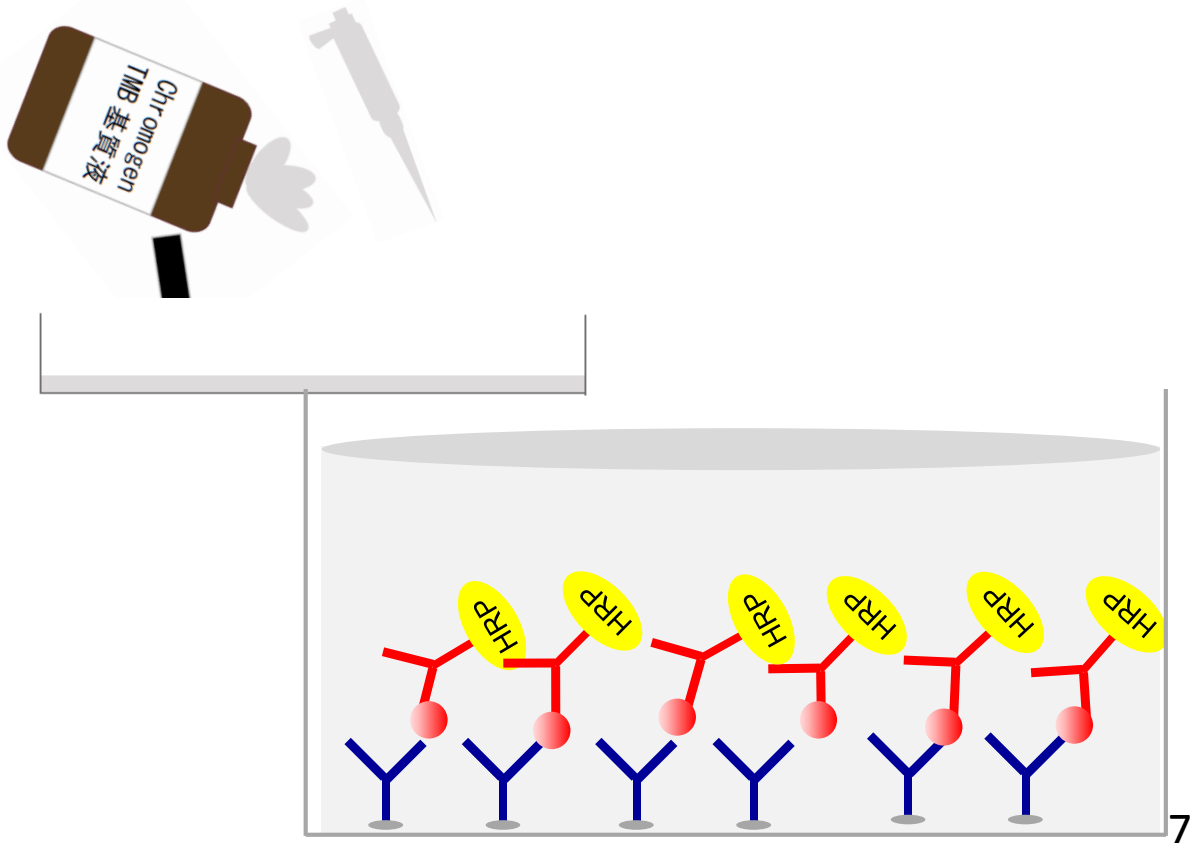
2nd Wash

- ✓ Wash 4 or 5 times by washer.



Chromogenic reaction

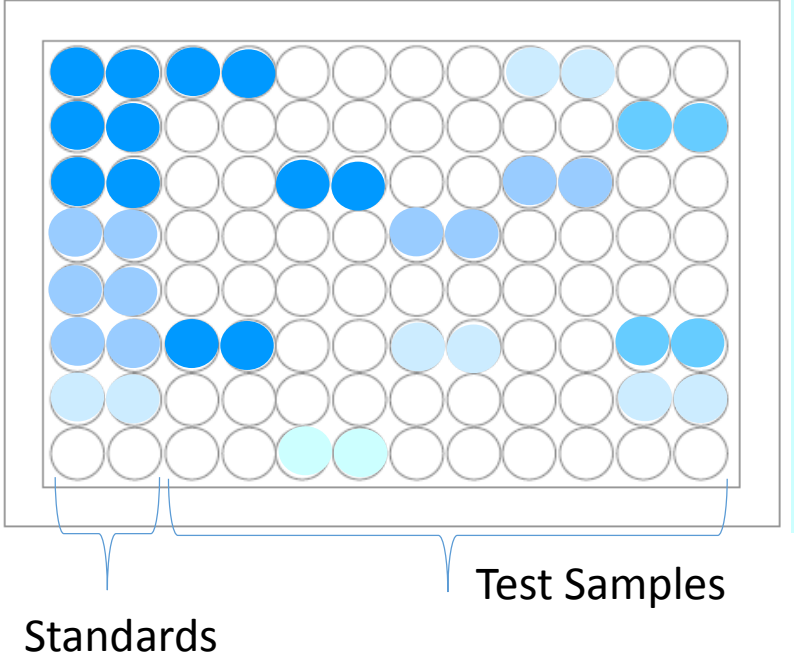
- ✓ Add Chromogen (TMB solution)
- ✓ Chromogenic reaction



Chromogenic reaction
30 min
Room Temperature
(Shielded)

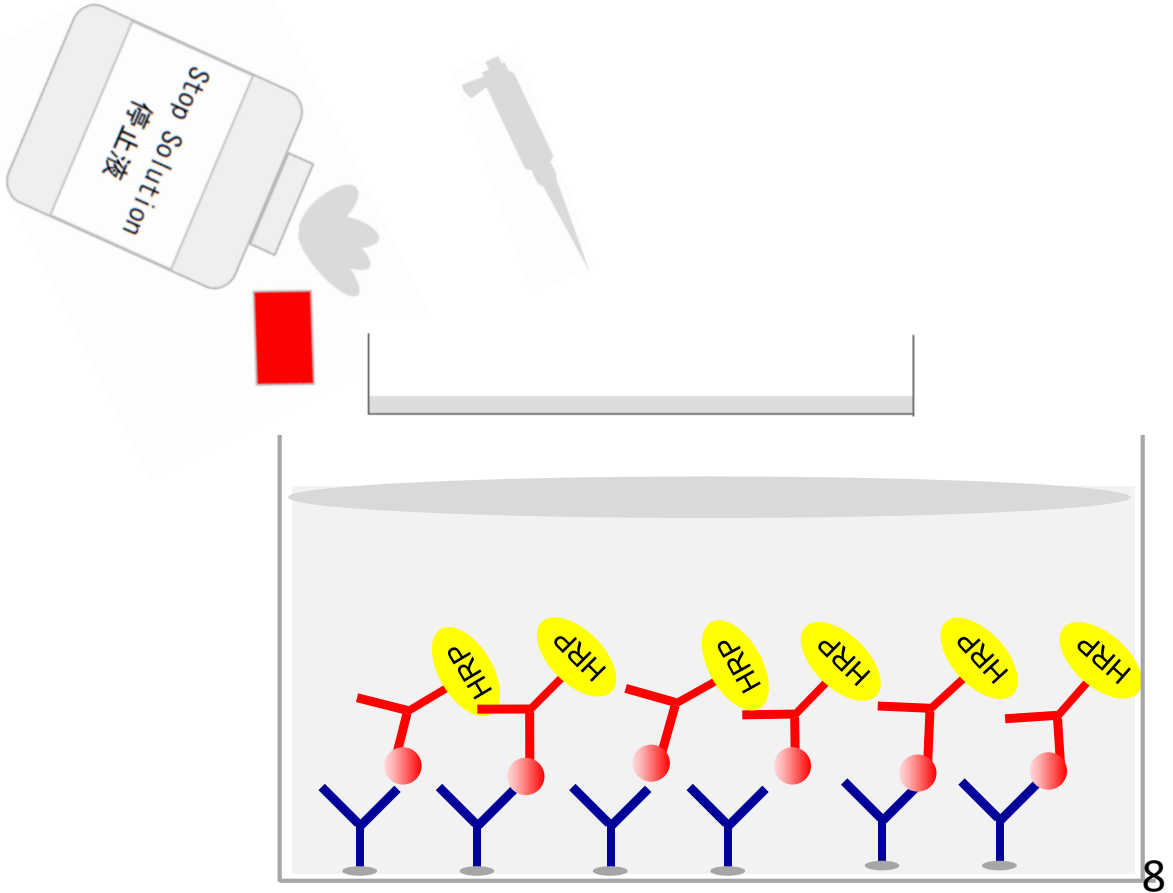


Color is changed to Blue.

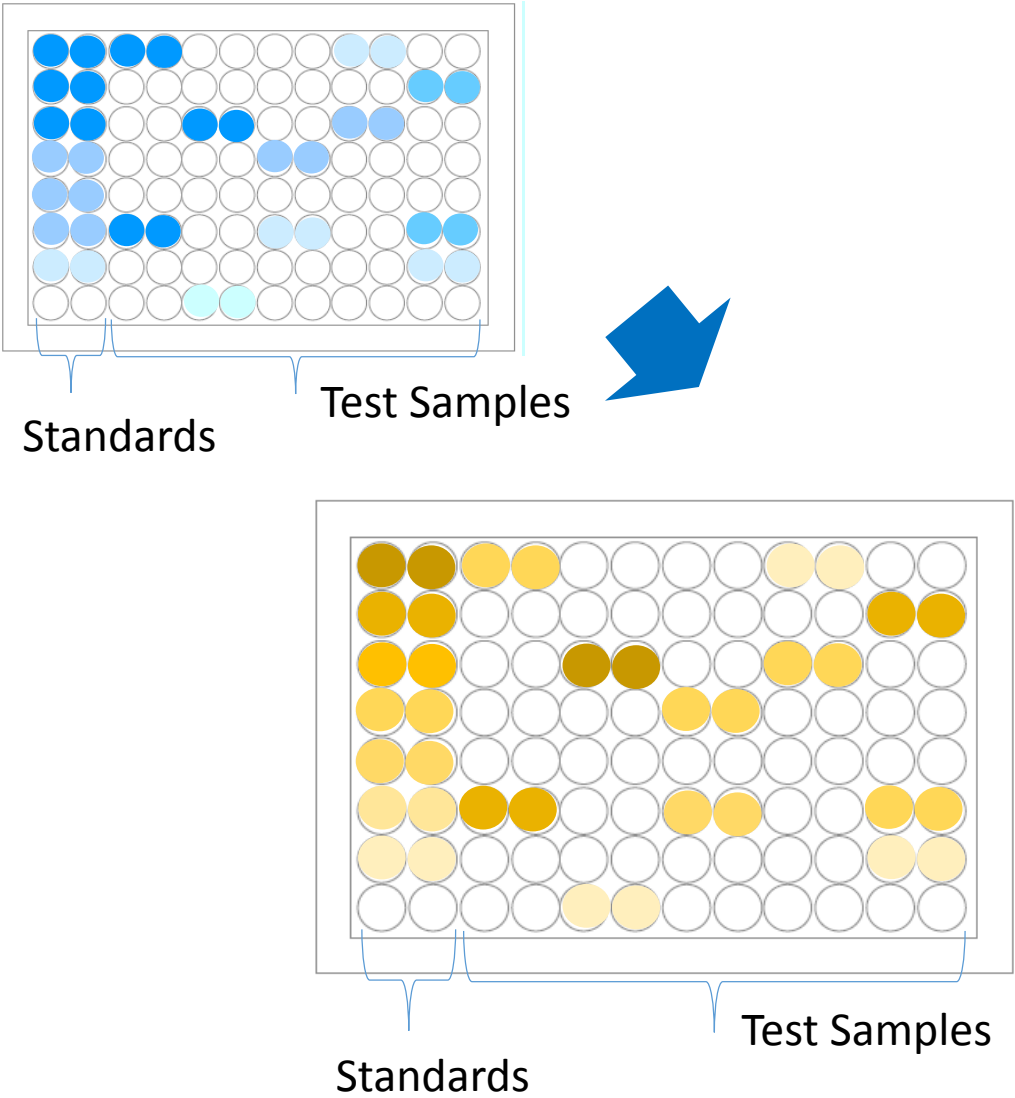


Stop reaction

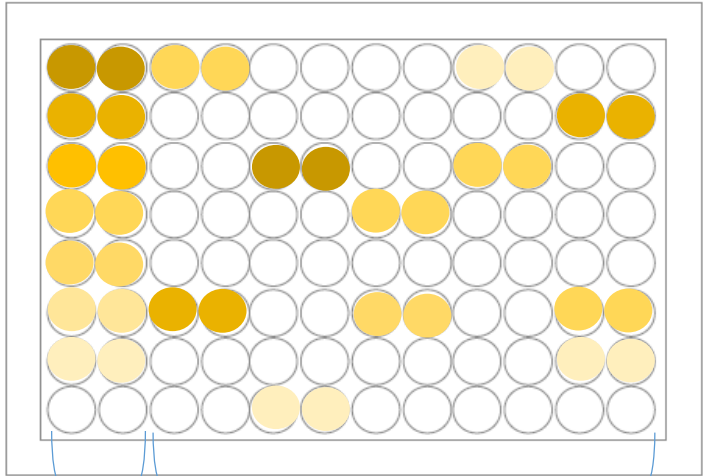
✓ Add stop solution



Color is changed
From Blue to **Yellow**.



Measure O.D. 450



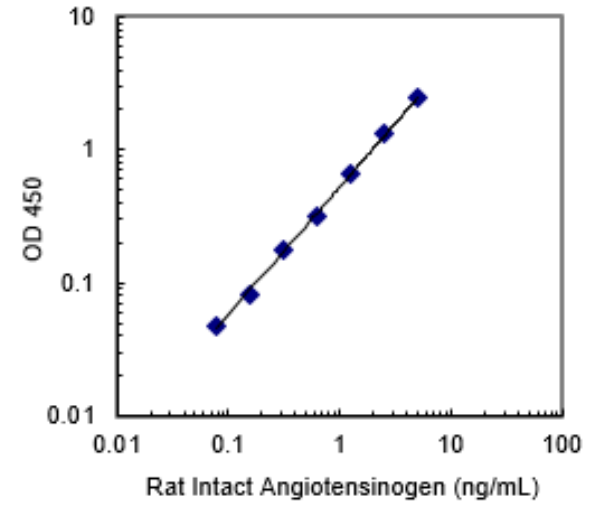
Standards Test Samples



Calculate Sample value from Standard curve

Example of standard curve and measured value

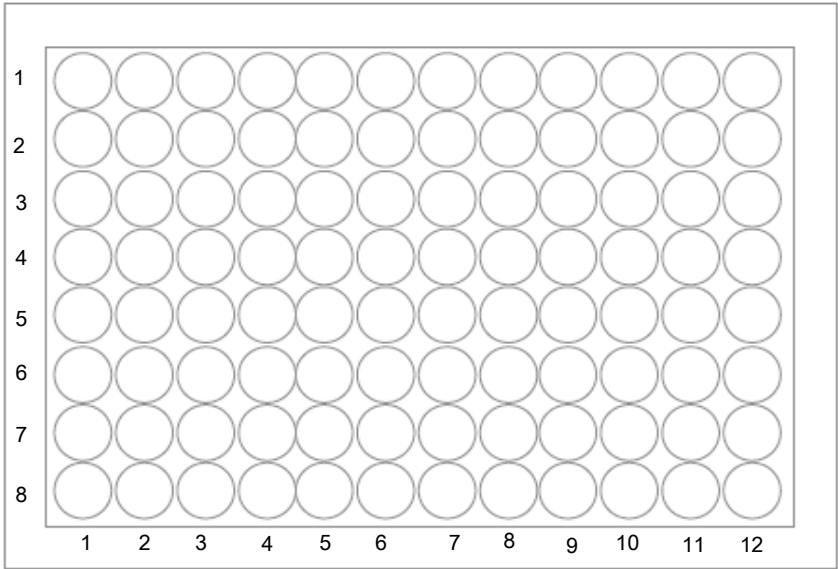
Standard (ng/mL)	O.D. (450nm)
5	2.481
2.5	1.357
1.25	0.722
0.63	0.364
0.31	0.229
0.16	0.133
0.08	0.100



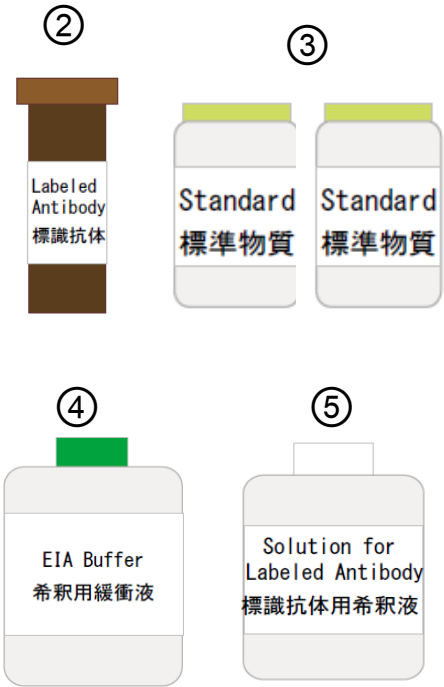


How to prepare?

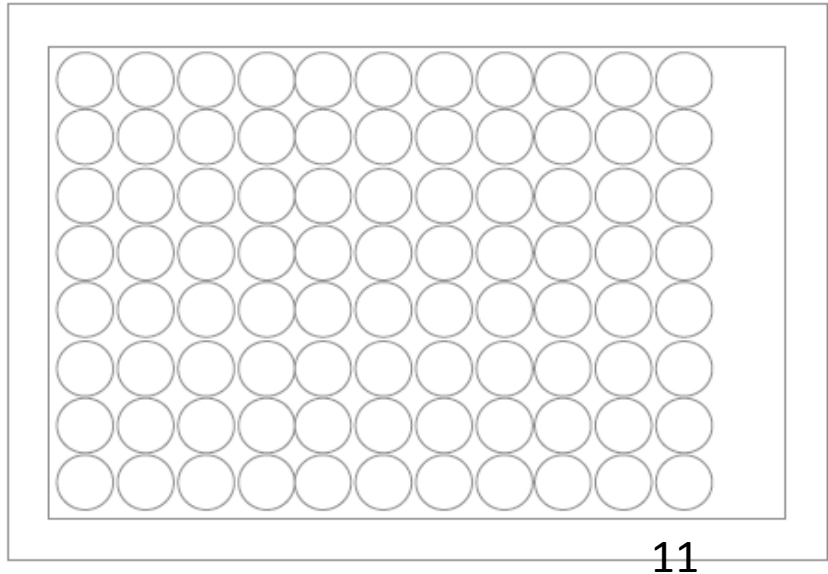
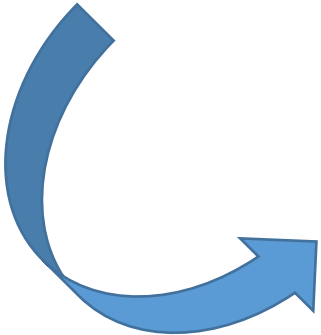
IBL ELISA's Components



① 96 Well microtiter plate x 1



②	Labeled antibody conc. (30X)	1
③	Standard	2
④	EIA buffer	1
⑤	Solution for labeled antibody	1
⑥	Chromogen (TMB solution)	1
⑦	Stop solution	1
⑧	Wash buffer conc. (40X)	1



The slits are **removable**.

Preparation 1/3

General Information Only

⑧ Wash buffer conc.



Not included in the kit

40 fold dilution

② Labeled antibody conc.

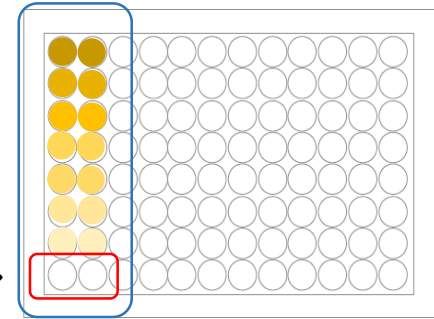


30 fold dilution

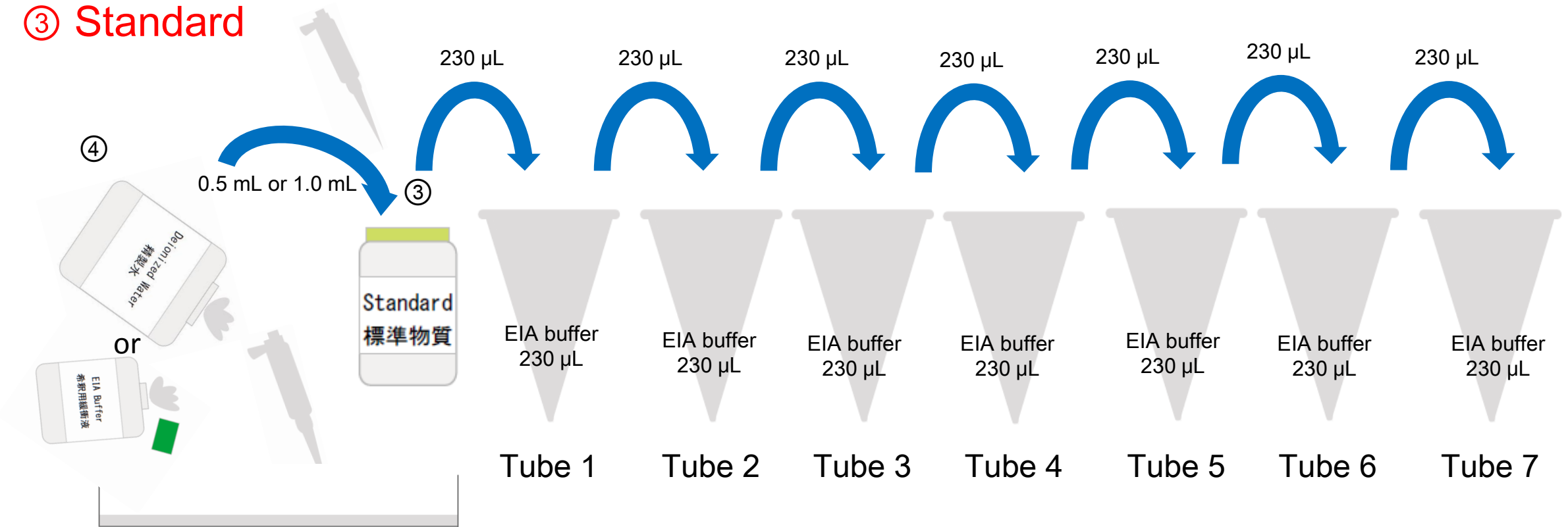
Preparation 2/3

General Information Only

Standard Blank Well →→



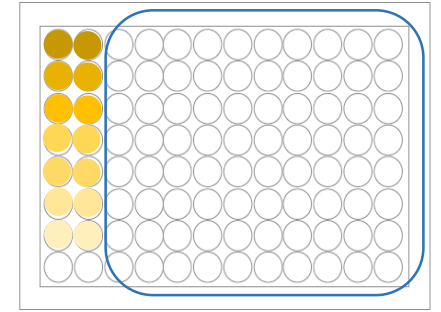
③ Standard



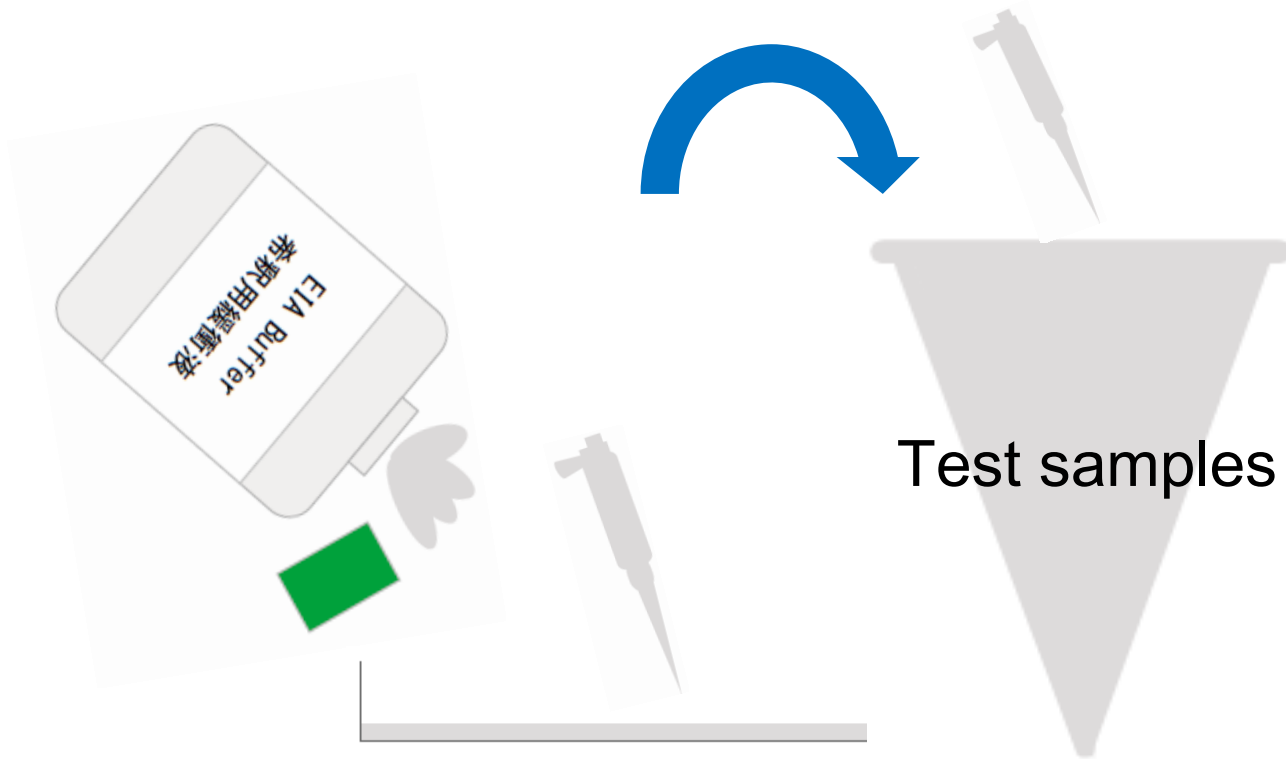
Dilute **two fold** standard solution in series

Preparation 3/3

General Information Only



↑
Diluted Test Samples apply area



Dilution ratio should be checked with each datasheet.

Materials needed to be prepared

General Information Only

- ✓ Plate reader
- ✓ Test tubes for dilution
- ✓ Deionized water
- ✓ Paper towel
- ✓ Micropipette and tips
- ✓ Measuring cylinder and beaker
- ✓ Plate washer
- ✓ Collecting container

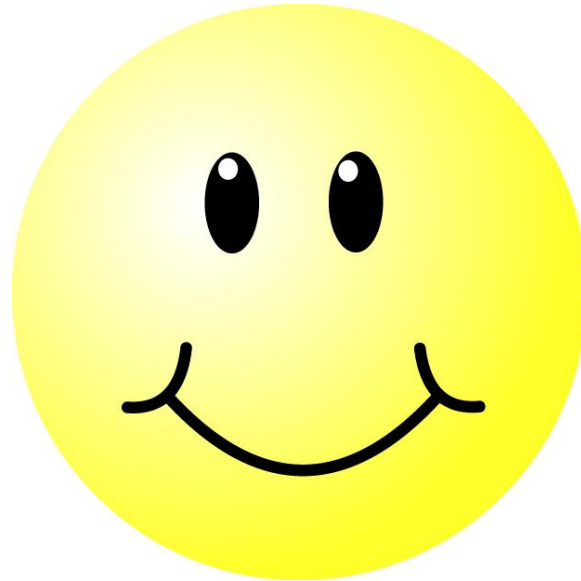
✓ Refrigerator

✓ Incubator (37°C±1°C)

Depend on ELISA products.

Each ELISA design is slightly different.

Please refer to Each ELISA's datasheet
prior you actually use our ELISAs!



<End>

Thank you!