

# CoVisa™ IgG Test - Quick Guide

Serum Specimens—Quantities relate to one CoVisa™ IgG Test Plate

## Prerequisites>>>

### A . ASSAY CONTROLS

- The Positive Control is located on the CoVisa™ IgG Test Plate, well position H/12.
- The Negative Control is to be run on the CoVisa™ IgG Test Plate, well position H/11.

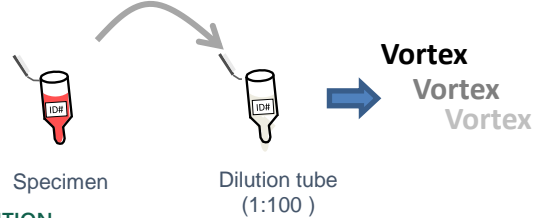
**NOTE:** IT IS MANDATORY TO PERFORM ONE NEGATIVE AND ONE POSITIVE CONTROL PER COVISA™ IgG TEST PLATE.  
Wells H/11 and H/12 cannot be used for specimen testing.

### C. PREPARATION OF 1X WASH SOLUTION AND 1X DETECTOR SOLUTION

- Add 10 mL of **20X Wash Solution** into 190 mL deionized or distilled water to make 1X Wash Solution.  
**>>> mix well**
- Add 1 mL of **Detector Concentrate** into 11 mL **Detector Dilution Buffer** to make 1X Detector Solution.  
**>>> mix well**

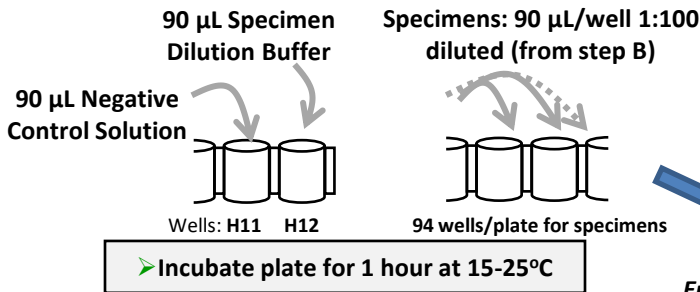
### B . SPECIMEN PREPARATION

Add 5 µL of original serum specimen into 495 µL of **Specimen Dilution Buffer** and mix.

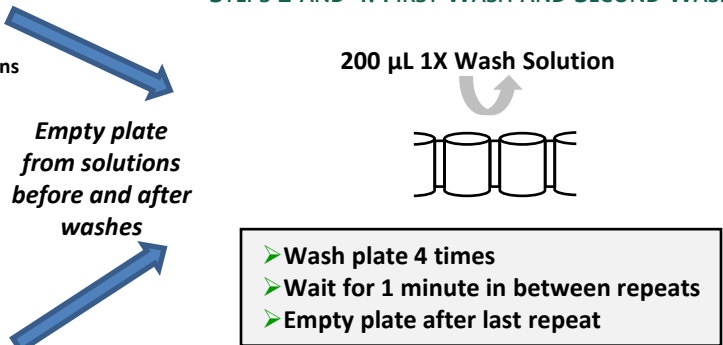


## Workflow>>>

### STEP 1: ADD CONTROLS AND SPECIMENS TO THE PLATE

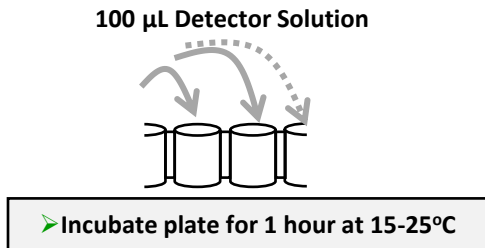


### STEPS 2 AND 4: FIRST WASH AND SECOND WASH

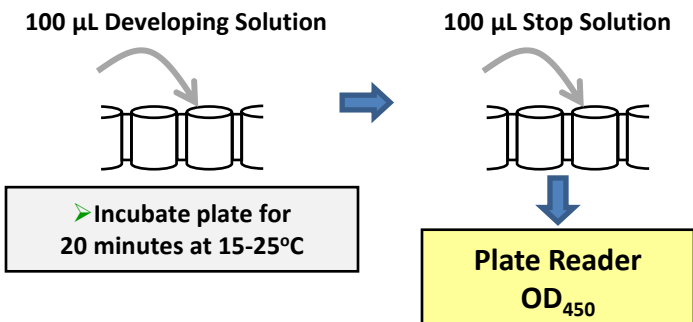


Empty plate from solutions before and after washes

### STEP 3: DETECTOR APPLICATION



### STEPS 5 AND 6: DEVELOPMENT AND STOP REACTION



## Results>>>

### Test valid if:

Negative Control (H/11) OD<sub>450</sub> ≤ 0.25  
**AND**  
Positive Control (H/12) OD<sub>450</sub> ≥ 0.5

**Positive Specimen:** OD<sub>450</sub> ≥ 0.5

**Negative Specimen:** OD<sub>450</sub> < 0.5