

1. Keep the **10X Wash Buffer** at 37°C for 10 minutes.
2. **1X Wash Buffer:** Add 1 Part of **10X Wash Buffer** to 9 Parts of distilled water.
3. **1X Diluent:** Add 1 Part of **10X Diluent** to 9 Parts of **1X Wash Buffer**.
4. **0.1X Sample Diluent:** Add 1 Part of **1X Diluent** to 9 Parts of **1X Wash Buffer (for one slide)**.
5. Dilute serum samples 1:100 in **0.1X Sample Diluent**.
6. Add 50µL of the diluted serum samples to the **ENA PictArray** slide according to the sample layout.
7. Incubate the slide at 37°C for 60 minutes.
8. Aspirate samples from the wells and wash the wells 3 times with 50µL **1X Wash Buffer**.
9. Prepare 1X Conjugate G by diluting the appropriate volume of **20X Conjugate G** in **1X Diluent** using **Table 1**.

Table 1: Preparation of 1X Solutions

Number of wells	1X Diluent (µl)	20X Reagents* (µl)
2	200	10
4	300	15
6	400	20
8	500	25
10	600	30
12	700	35
14	800	40
16	900	45



* Conjugate G, Detection Reagent and Substrate A

10. Add 50µL of **1X Conjugate G** to all wells.
11. Incubate the slide at 37°C for 30 minutes.
12. Aspirate 1X Conjugate G from the wells and wash the wells 3 times with 50µL **1X Wash Buffer**.
13. Prepare **1X Detection Reagent** by diluting the appropriate volume of **20X Detection Reagent** in **1X Diluent** using **Table 1**.
14. Add 50µL of **1X Detection Reagent** to all wells.
15. Incubate the slide at 37°C for 30 minutes.
16. Aspirate 1X Detection Reagent and from the wells and wash the wells 3 times with 50µL **1X Wash Buffer**.
17. Prepare **1X Substrate Solution** by diluting the appropriate volume of **20X Substrate A** in **1X Substrate B** using **Table 1**.
18. Add 50µL of **1X Substrate Solution** to all wells.
19. Incubate the slide at room temperature for 5 minutes.
20. Aspirate 1X Substrate Solution and wash the wells once with 50µL **1X Wash Buffer**.
21. Dry the slide at 37°C for 30 minutes and read on PictImager.
22. Analyze the results using Pictorial.

Note: For complete instructions please visit www.pictordx.com

SIMPLE



AFFORDABLE



3 ACCURATE

