

Biotech Trading Partners

SMART & PRIMATE-ONE

ELISA

Prepare working dilution of wash buffer by diluting one bottle of Wash Concentrate with 500ml of distilled water.

Add 250ul of dilution buffer to a test tube for each specimen to be tested. Add an extra tube for the calibrator dilution. Label tubes and add 5ul of each specimen and the calibrator to the specifically labeled tube. Mix well.

1

The Reactive and Negative Controls are not diluted.

Open the Microplate pouch and remove the frame and number of strips needed for today's run. Replace the remaining strips into the pouch and reseal.

2

Reactive Control			Add the 50µl of the undiluted Controls, and diluted Calibrator and samples to the Antigen well (Black) and Antigen Control well (Red).
Negative Control			
Calibrator			Incubate for 30 Minutes at RT
Spec #1			
Spec #2			WASH as per package insert instructions

3

Reactive Control			Add 50µl (1 drop) Conjugate to all wells.
Negative Control			Incubate for 30 Minutes at RT
Calibrator			
Spec #1			WASH as per package insert instructions
Spec #2			

4

Reactive Control			Add 50µl (1 drop) Substrate to all wells.
Negative Control			Incubate for 10 Minutes at RT
Calibrator			
Spec #1			Do not wash at the completion of this incubation.
Spec #2			

5

Reactive Control			Add 50µl (1 drop) Stop Reagent to all wells
Negative Control			Read at 450/620 within 30 minutes
Calibrator			
Spec #1			
Spec #2			

