

PROTOCOL BIONOR™ HIV-1&2

Performed by:	Date:	Approved by:	Date:
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Note: All reagents must be allowed to reach room temperature prior to use (Recommended 25°C).
Read detailed instruction prior to performance of the assay.

- Pre-wash:**
- Push down** magnetic platform
 - 4 drs **Green** label Wb
 - Rock** 30 sec.
 - Remove** Wb
- Removing liquid: - **Press and hold** "Pump" switch
 - **Raise** pipette tip and remove liquid
 - **Replace** pipette tip and **release** "Pump" switch
- 1. Incubation: Sample**
- a) 2 drs **Green** label Wb
 - 1 dr **Sample or controls** (Control vials must be shaken)
 - 1 dr **Yellow** label R1
 - (**Note:** Shake vial. Inspect bottom to verify that magnetic particles are thoroughly suspended)
 - b) **Rock** 10 min. with the lid on and magnetic platform down
 - c) **Trap by rocking** for 2 min.
- Trapping: - **Stop and raise** magnetic platform to upper position
 - **Check** that microtray strips are placed correctly
 - **Rock**
- Stop and remove** liquid
- d) **Wash** 2 times as below: 1..... 2.....

1 wash is: - 4 drs **Green** label Wb
 - **Rock** for 40 sec.
 - **Trap by rocking** for 40 sec.
 - **Remove** liquid
 - **Push down** magnetic platform

2. Incubation: Conjugate

 - a) 1 dr **Blue** label R2 (to bottom of each tray)
 - (Platform **slightly** tilted towards you. Shake R2 thoroughly prior to use)
 - 2 drs **Green** label Wb
 - b) **Rock** 10 min. with the lid on and magnetic platform down
 - c) **Trap by rocking** for 1 min. (as above)
 - Remove** liquid
 - Push down** magnetic platform
 - d) **Wash 2 times** (as above) 1..... 2.....

3. Incubation: Substrate

 - a) 2 drs **Red** label R3 (to bottom of each tray)
 - (Platform **slightly** tilted towards you)
 - b) **Rock** 3 min. with magnetic platform down

4. Colour development and stop

 - a) 1 dr **White** label R4
 - b) **Trap by rocking** for 1 min. (as above)
 - c) **Stop** platform **slightly** tilted towards you

5. Read results:

 - a) **Turn on** the light. Avoid sunlight and direct outdoor light
 - b) Before reading of results; **verify that**
 - magnetic particles are trapped above the magnets
 - positive controls are positive
 - negative control is negative
 - c) **Record** test results

(See also reading of results in the instructions for BIONOR™ HIV 1&2)

6. Cleaning: Aspirate the tube with water for 30 sec. and alcohol for 10 sec.

Positive results: from pale red (+) to strong red (3+)

Negative results: light yellow (-) as the neg. control

(See also interpretation of results in the instructions for BIONOR™ HIV 1&2)

	1		2		3		4		5		6		7		8		9		10		
	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	ID	Res	
A	PC		NC																		
B																					
C																					
D																					

Abbreviations:

Yellow label R1 = Reagent 1	Green label Wb = Washing buffer	PC = Positive control
Blue label R2= Reagent 2	dr(s) = Free falling drop(s)	NC= Negative control
Red label R3 = Reagent 3	ID = Sample code	
White label R4 = Reagent 4	Res = Results	