

- A single test for 5 targets
- Exhibit no Hook Effect
- Over 3 yr. RT stability
- Handheld reader

NIDS[®] Handheld Assays

Nanotechnology-enhanced assays for the detection of *biothreat agents* in white powders – **Highly Sensitive and Easy-to-Use**

5-plex 1:

B. Anthracis
SEB toxin
F. Tularensis
Bot toxin
Ricin

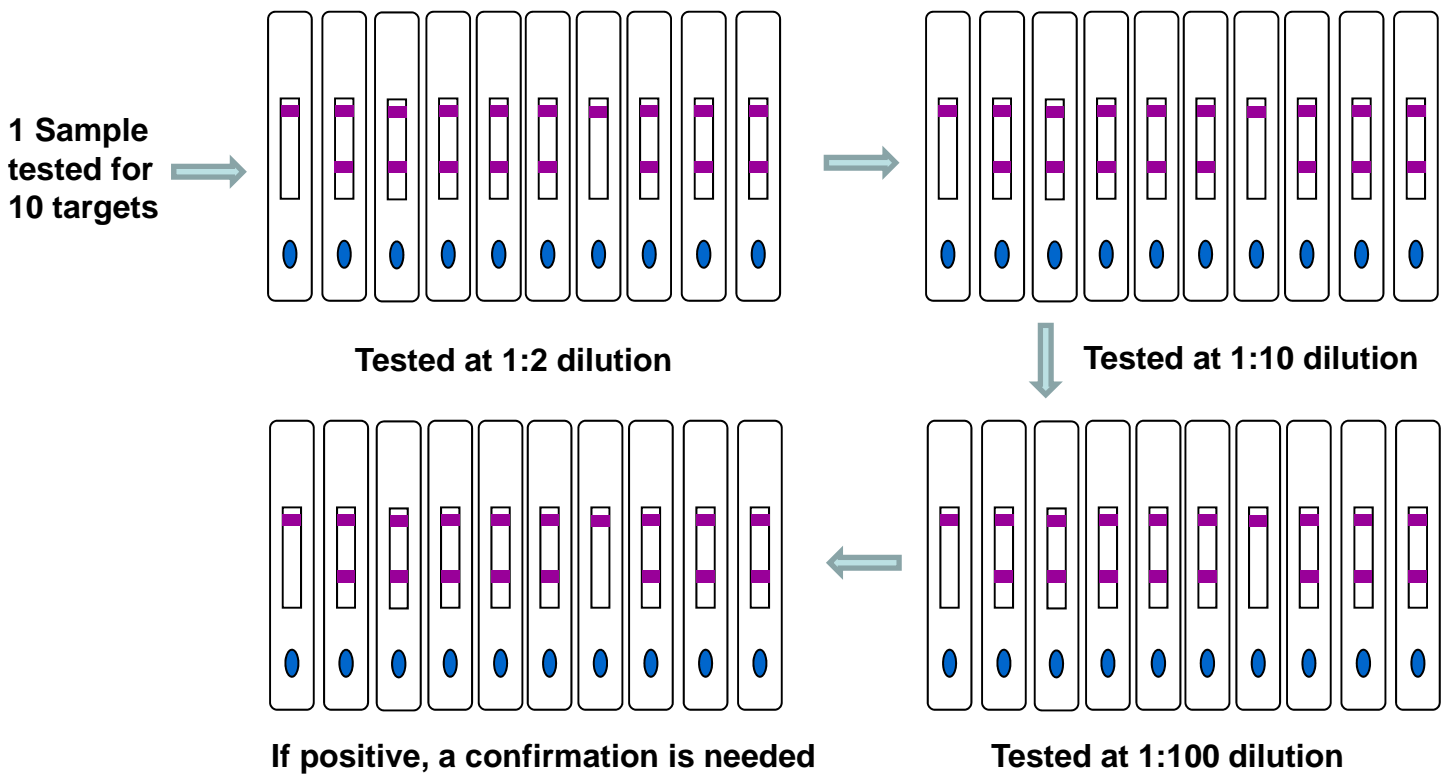


5-plex 2:

Y. pestis
B. melitensis
C. burnetii
Vaccinia
VEE

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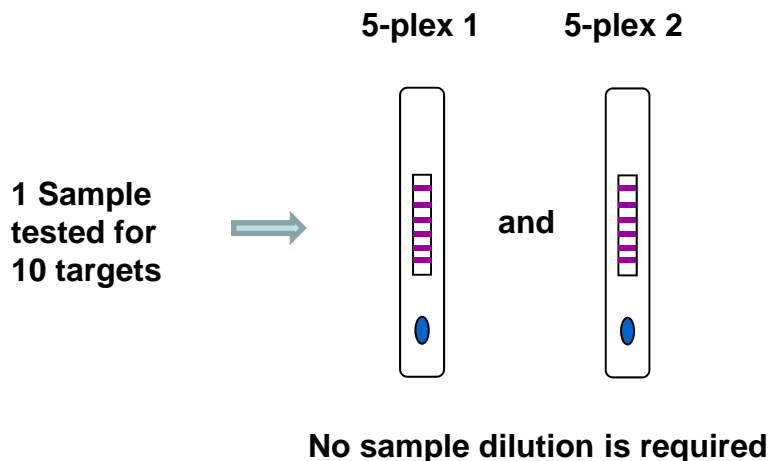
Hook Effect – A significant operational deficiency and a tremendous logistic/cost burden for the first responders



Up to 40 tickets and 4 mL of sample are needed to test a single sample on site!

“If we run all the white powder samples on site, there won’t be even enough room for just HHA wastes in the glove box, not even mentioning the operational complexity and additional logistics and cost!” – A first responder commented at the Biothreat Meeting in New Orleans, LA in December 2010

Advantages of NIDS[®] 5-plexed assays – 5 targets per assay with no Hook Effect



Only 2 tickets and 0.2 mL of sample are needed to test a sample on site!