

**The Validation of the OneStep ABACard[®] PSA(p30)
Test for the Forensic Identification of Semen**

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The goal of this validation was to evaluate the use of the OneStep ABACard[®] PSA (p30) Test for the qualitative detection of Prostate-Specific Antigen (p30) for the forensic identification of semen in lieu of the conventional cross-over electrophoretic technique. This rapid immunoassay detects PSA or p30, which is known as an acceptable marker for semen including semen from either vasectomized or azoospermic individuals. Miscellaneous human body fluid samples, aspermatic seminal samples, miscellaneous fabrics with seminal stains, and non-probative casework samples were all evaluated with the OneStep ABACard[®] PSA (p30) Test. The sensitivity of these kits was also established.