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## FORENSIC TESTING PROGRAM

# *Manufacturer's Information*

## **Test No. 15-5870: DNA - Parentage**

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Each sample set was a collection of known blood samples, provided on FTA Micro cards, from three individuals (Items 1-3), a mother, daughter and a potential father. Participants were requested to analyze these items using their existing protocols. Also included in the Data sheet was a paper challenge that consisted of autosomal DNA profiles of two individuals for comparison. Participants were requested to determine, if a sibling relationship claim was supported following the review of these profiles.

**SAMPLE PREPARATION:** All stains were prepared from human whole blood which was drawn into EDTA tubes. Item 1 (75  $\mu$ l) was created using blood collected from a female (mother) donor, Item 2 (75  $\mu$ l) was from a female (daughter) donor and Item 3 (75  $\mu$ l) was created using blood collected from one male (the actual biological father) donor. Each different Item was prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 19, 2015.

**SAMPLE SET ASSEMBLY:** For each sample set, all three Items (1-3) were placed in a pre-labeled sample pack envelope. The sealed sample pack envelopes were then packaged in pre-labeled Heat Seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

**VERIFICATION:** Laboratories that conducted predistribution analysis of the samples reported consistent results and associations.

*The information presented here is that received from the sample manufacturer. It presents details of the design specification for the test samples and/or details of how they were prepared. This information does not necessarily represent the answers that should or could be obtained from an examination of the sample. Final interpretation of the results should be deferred until the summary report is available.*

*Manufacturer's Information, continued*  
 Test No. 15-5870: DNA - Parentage

Amelogenin and STR Results						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	<b>D1S1656 D8S1179 D19S433 Penta D</b>	<b>D2S1338 D10S1248 D21S11 Penta E</b>	<b>D2S441 D12S391 D22S1045 SE33</b>	<b>D3S1358 D13S317 Amelogenin TH01</b>	<b>D5S818 D16S539 CSF1PO TPOX</b>	<b>D7S820 D18S51 FGA vWA</b>
1	* 10,16 14,14.2 *	19,20 * 30,31.2 *	* * * *	15,16 11,12 X 7,8	12,13 12 12 11,12	10 14 20,23 16
2	* 10,17 14 *	19 * 30,31.2 *	* * * *	15,16 11,12 X 7	11,13 10,12 11,12 11	10,11 12,14 23,24 16,17
3	* 14,17 14 *	19,23 * 30,30.2 *	* * * *	15 12 X,Y 6,7	11 10,11 10,11 11	11,13 12,18 24,25 17,18

\* Results were not received by a minimum of 10 participants for the STR loci indicated.

YSTR Results
YSTR results were not received by a minimum of 10 participants for this test.