



Manufacturer's Information

Test No. 15-588: DNA Interpretation

Each sample pack contained digital images and fsa files consisting of electropherograms from DNA profiles of two known samples (Items 1 & 2) and two questioned samples (Items 3 & 4). Participants were requested to evaluate the electropherograms and interpret the data using their existing protocols.

SAMPLE PREPARATION: Item 1 was created using blood collected from a female donor, Item 2 was created using blood collected from a male donor and Item 3 was created using blood collected from a different male donor. The Item 4 mixture was created by combining three parts of blood from the Item 1 female donor and one part of blood from another female donor.

SAMPLE SET ASSEMBLY: Once sample preparation and verification was completed, each DVD was checked to ensure all images were accessible.

VERIFICATION: Laboratories that conducted predistribution of the electropherograms reported consistent results and associations.

Amelogenin and STR Results						
<i>Results compiled by predistribution laboratories and a consensus of participants.</i>						
<u>Item</u>	D2S1338 D16S539 FGA	D3S1358 D18S51 PentaD	D5S818 D19S433 PentaE	D7S820 D21S11 TH01	D8S1179 Amelogenin TPOX	D13S317 CSF1PO vWA
1	20,24 11,13 21,22	14,16 14,17 *	11,11 12,12 *	10,10 28,30 7,9.3	8,13 X,X 8,11	8,11 11,12 17,17
2	21,22 9,10 24,26	14,16 15,15 *	8,11 13,15.2 *	8,11 30,31 7,10	13,13 X,Y 8,11	12,12 10,11 13,15
3	21,22 12,13 22,23	16,17 15,17 *	12,14 13,14 *	10,11 28,30.2 6,7	13,15 X,Y 6,11	11,12 10,10 15,17
4	19,20,24 11,13 21,22,23	14,16 10,14,17 *	11,12 12,14 *	10,11 28,30,30.2 7,9,9.3	8,10,13 X,X 8,11,12	8,10,11 11,12 17,18

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

YSTR Results								
<i>Results compiled from predistribution laboratories and a consensus of participants.</i>								
<u>Item</u>	DYS19 DYS437 DYS549	DYS385 DYS438 DYS570	DYS389-I DYS439 DYS576	DYS389-II DYS448 DYS635	DYS390 DYS456 DYS643	DYS391 DYS458 Y GATA H4	DYS392 DYS481	DYS393 DYS533
2	15 14 *	16,17 11 *	13 11 *	31 21 22	21 15 *	10 17 12	11 *	13 *
3	15 14 *	16,18 11 *	15 11 *	33 21 21	21 15 *	10 15 11	11 *	14 *

* Typically results from at least 10 participants must be received to form a consensus, however, in this case only 8 participants returned YSTR results. The above YSTR results represent the consensus among these participants. An asterisk indicates that less than 8 participants reported results for that locus.

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.