



Manufacturer's Information

Test No. 16-583: DNA-Blood

Each sample pack consisted of two known bloodstains on FTA Micro cards (Items 1 & 2), and two questioned stains one on clean, red and white checkered material (Item 3) and one on clean, cream terrycloth material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: All stains were prepared from human whole blood which was either drawn into citric acid preservative bloodbank bags or EDTA tubes. Item 1 (75 μ l) and Item 3 (50 μ l) were created using blood collected from the same female; Item 2 (75 μ l) and Item 4 (50 μ l) were created using blood collected from the same male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on April 18th, 2016 following receipt of predistribution results.

SAMPLE SET ASSEMBLY: For each sample set, all four Items (1-4) were placed in a pre-labeled sample pack envelope and then into a larger pre-labeled envelope which was heat 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.

Manufacturer's Information, continued
Test No. 16-583: DNA-Blood

Amelogenin and STR Results						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D7S820
	D8S1179	D10S1248	D12S391	D13S317	D16S539	D18S51
	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO	FGA
	Penta D	Penta E	SE33	TH01	TPOX	vWA
1	16.3,18.3	19,23	11,11	15,16	11,12	10,12
	14,14	13,14	20,21	12,12	10,11	15,19
	11,13	28,30	15,15	X,X	7,10	19,23
	5,11	5,7	29.2,29.2	6,8	8,10	16,16
2	12,12	24,24	11,14	16,17	11,11	10,10
	14,15	13,14	16,16	14,14	10,10	17,17
	14,14	28,29	11,15	X,Y	10,11	19,21
	9,14	7,14	26.2,27.2	9,9.3	8,11	14,19
3	16.3,18.3	19,23	11,11	15,16	11,12	10,12
	14,14	13,14	20,21	12,12	10,11	15,19
	11,13	28,30	15,15	X,X	7,10	19,23
	*	*	29.2,29.2	6,8	8,10	16,16
4	12,12	24,24	11,14	16,17	11,11	10,10
	14,15	13,14	16,16	14,14	10,10	17,17
	14,14	28,29	11,15	X,Y	10,11	19,21
	*	*	26.2,27.2	9,9.3	8,11	14,19

YSTR Results								
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>								
Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS481	DYS533
	DYS549	DYS570	DYS576	DYS635	DYS643	Y GATA H4	Y Indel	
2	14	13,15	13	29	22	10	11	13
	16	10	12	20	14	15	25	11
	*	19	16	21	*	11	2	
4	14	13,15	13	29	22	10	11	13
	16	10	12	20	14	15	25	11
	*	19	16	21	*	11	2	

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

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.