Collaborative Testing Services, Inc.
FORENSIC TESTING PROGRAM

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Manufacturer's Information

Test No. 26-5843/4/5: DNA Database - Saliva

Each sample pack consisted of a collection of known buccal cells from three individuals. Participants were asked to analyze these items using their existing protocols.

SAMPLE PREPARATION: All substrates were prepared from human buccal cheek cells suspended in sterile phosphate-buffered saline solution. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried into separate envelopes.

SAMPLE PACK ASSEMBLY: One of each item was placed into a pre-labeled sample pack envelope and sealed. The sealed envelopes were then packaged in pre-labeled heat seal envelopes and sealed. Completed sample packs were stored at -20°C until shipment.

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information. Consistent allelic results were reported for all STR loci across all three substrates. YSTR allelic results were reported by one participant.

Item	Sex	Volumes per Substrate (µL)		
		FTA™ Indicating Micro Cards (5843)	Bode Buccal® DNA Collectors (5844)	Swabs (5845)
1	Male	120	200	125
2	Male	120	200	125
3	Female	120	200	125

The information presented here details how test samples were prepared as well as any design specifications. This information does not necessarily represent the results that could or should be obtained. Final interpretation of the results should be deferred until consensus data is made available in the summary report.

Amelogenin and STR Results

Results compiled from predistribution laboratories and a consensus of at least 10 participants.

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	13,15	17,19	10,11	15,16	10,12	*
	9,12	13,16	13,13	18,19	10,12	9,12
	13,15	13,15	30,32.2	11,17	X,Y	10,11
	22,23	9,12	14,14	18,26.2	6,9.3	8,12‡
	14,18	10	17	18	2	
2	16.3,18.3	17,22	13,14	15,18	11,13	*
	9,10	13,15	14,15	23,25	11,12	9,12
	13,16	14,16	28,30	15,17	X,Y	10,12
	23,24	10,13	12,12	27.2,27.2	6,6	9,10
	17,17	11	18	17	2	
3	11,17.3	25,25	10,15	16,18	11,12	*
	9,11	13,13	15,17	18.3,25	11,11	9,13
	12,14	14,14	31.2,31.2	11,15	X,X	11,11
	22,23	8,12	7,12	21,24.2	6,7	10,11
	14,16	NM	NM	NM	NM	

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

NM - Non-Male profile, YSTR results not expected.

‡ Approximately 12% of participants reported "12" or "12,12" at TPOX for Item 1. Further information will be provided in the Summary Report.

YSTR Results

Results compiled from predistribution laboratories and a consensus of at least 10 participants.

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
1	36,36	14	11,15	13	29	25	10	14	13
	15	12	11	20	30	15	17	11	22
	40	12	13	17	18	21	24	9	12
2	38,39	15	14,16	12	29	22	11	11	14
	16	10	12	21	31	15	17	11	22
	38	9	12	18	17	22	22	13	12

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