Individual Report
Test 09-571: Forensic Biology

Participant Code: **U1234A**
WebCode: **ABCDEF**

Test Summary: Each sample pack consisted of two known bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was blood collected from a female donor, Item 2 was blood collected from a male donor and Item 3 was semen from a donor whose known blood standard was not provided to participants. Item 4 was a mixture of blood collected from the Item 2 male donor and blood collected from a female donor, different from the source of Item 1. *(Please see the Summary Report for additional summary comments and information.)*

Serology Screening Results

Participant U1234A

	Fluid ID			
Item	Blood	Semen	Saliva	Other
3	NT	**Pos** AP, Micro	NT	
4	**Pos** O-tol, Hematrace	**Neg** AP	NT	**Human, Pos** Hematrace

Pos - Positive; Neg - Negative; Inc - Inconclusive; NT - Not Tested

DNA Interpretations

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

		Victim (Item 1)		Suspect (Item 2)	
		Item 3	Item 4	Item 3	Item 4
Participant U1234A		**No**	**No**	**No**	**Yes**
All Participants	Yes	0	0	0	604
	No	614	604	617	0
	Inc	4	5	1	5

Participants reporting DNA results: 639

Individual Report, continued

Test No. 09-571: DNA Results

Participant Code: U1234A

Amelogenin and STR Results for Participant U1234A

Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
1	15,16	11,13	10,12	11,12	9,12	11,13	14,15	27,27
2	16,16	12,13	8,8	12,13	12,13	8,11	13,17	30,31.2
3sp	14,18	11,12	8,12	9,11	12,12	12,14	14,16	30,31
4	15,16	[8],[12],13	8,[10],[11]	12,13,14,15	12,13,14	8,11,[13]	13,16,17,18	[28],30,[31.2]

Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	Penta D	Penta E
1	X,X	10,10	19,23	7,8	8,10	16,17		
2	X,Y	12,12	24,25	7,7	8,11	17,17		
3sp	X,Y	11,12	20,22	9,9.3	8,8	17,18		
4	X,[Y]	[11],12	[22],24,[25]	7,[9.3]	8,[9],[11]	[16],17,[18]		

Item	D2S1338	D19S433
1	18,20	11,12.2
2	17,23	12.2,14
3sp	17,17	13,14
4	17,22,23,25	[12],[12.2],14

Manufacturer's Amelogenin and STR Results

Results confirmed by predistribution laboratories and at least 10 participants.

Item	D3S1358	D5S818	D7S820	D8S1179	D13S317	D16S539	D18S51	D21S11
1	15,16	11,13	10,12	11,12	9,12	11,13	14,15	27,27
2	16,16	12,13	8,8	12,13	12,13	8,11	13,17	30,31.2
3	14,18	11,12	8,12	9,11	12,12	12,14	14,16	30,31
4	15,16	8,12,13	8,10,11	12,13,14,15	12,13,14	8,11,13	13,16,17,18	28,30,31.2

Item	Amel	CSF1PO	FGA	TH01	TPOX	vWA	PentaD	PentaE
1	X,X	10,10	19,23	7,8	8,10	16,17	9,11	8,17
2	X,Y	12,12	24,25	7,7	8,11	17,17	2.2,12	11,13
3	X,Y	11,12	20,22	9,9.3	8,8	17,18	11,12	11,17
4	X,Y	11,12	22,24,25	7,9.3	8,9,11	16,17,18	2.2,10,12,14	5,8,11,13

Item	D2S1338	D19S433
1	18,20	11,12.2
2	17,23	12.2,14
3	17,17	13,14
4	17,22,23,25	12,12.2,14

Results in brackets "[ ]" indicate minor or weaker alleles

Individual Report, continued

Test No. 09-571: DNA Results

Participant Code: U1234A

YSTR Results for Participant U1234A

Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
2	15	16,19	13	31	21	10
3sp	14	14,15	13	31	22	10
4	15	16,19	13	31	21	10

Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
2	11	14	14	11	12	21	15	17	21	12
3sp	11	12	15	9	12	20	15	15	23	11
4	11	14	14	11	12	21	15	17	21	12

Consensus Results

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

Item	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391
1	NT	NT	NT	NT	NT	NT
2	15	16,19	13	31	21	10
3	14	14,15	13	31	22	10
4	15	16,19	13	31	21	10

Item	DYS392	DYS393	DYS437	DYS438	DYS439	DYS448	DYS456	DYS458	DYS635	YGATAH4
1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2	11	14	14	11	12	21	15	17	21	12
3	11	12	15	9	12	20	15	15	23	11
4	11	14	14	11	12	21	15	17	21	12

Results in brackets "[ ]" indicate minor or weaker alleles

Test No. 09-571: DNA Results

Results for Participant U1234A

Bases Sequence

Item	HVR-I
1	**15998-16390**
2	**15998-16390**
3	**15998-16390**

Polymorphisms from Anderson Reference

Item	16093.0	16126.0	16187.0	16189.0	16223.0	16224.0	16256.0	16264.0	16270.0	16278.0	16293.0	16294.0	16309.0	16311.0	16390.0
1	**C**		**T**		**T**					**T**		**T**	**G**		**A**
2		**C**	**T**	**C**	**T**			**T**	**T**	**T**	**G**			**C**	
3						**C**	**T**		**T**						

Consensus Results

Bases Sequenced *Following is the overall reported ranges of bases sequenced for each Item, as compiled from predistribution laboratories and a consensus of at least 10 participants.*

Item	HVR-I
1	**15998-16569**
2	**15998-16569**
3	**15998-16390**

HVRI Region

	16093.0	16126.0	16187.0	16189.0	16223.0	16224.0	16256.0	16264.0	16270.0	16278.0	16293.0	16294.0	16309.0	16311.0	16390.0
ITEM 1	C		T		T					T		T	G		A
ITEM 2		C	T	C	T			T	T	T	G			C	
ITEM 3						C	T		T						

Test No. 09-571: DNA Results

Results for Participant U1234A

Bases Sequence

Item	HVR-II
1	**49-408**
2	**49-408**
3	**49-408**

Polymorphisms from Anderson Reference

Item	73.0	143.0	146.0	152.0	182.0	185.0	189.0	195.0	199.0	247.0	258.0	263.0	309.1	309.2	315.1	357.0
1	**G**	**A**	**C**	**C**				**C**				**G**	**C**		**C**	
2	**G**			**C**	**T**	**T**	**G**	**C**		**A**		**G**			**C**	**G**
3	**G**					**A**			**C**		**T**	**G**	**C**	**C**	**C**	

Consensus Results

Bases Sequenced *Following is the overall reported ranges of bases sequenced for each Item, as compiled from predistribution laboratories and a consensus of at least 10 participants.*

Item	HVR-II
1	**1-576**
2	**1-576**
3	**39-408**

HVRII Region

	73.0	143.0	146.0	152.0	182.0	185.0	189.0	195.0	199.0	247.0	258.0	263.0	309.1	309.2	315.1	357.0
ITEM 1	G	A	C	C				C				G	C		C	
ITEM 2	G			C	T	T	G	C		A		G			C	G
ITEM 3	G					A			C		T	G	C	C	C	