

Quality Assurance Record:

Date 11/30/06

Analyst Initials JLV/CS

Case Number M06-151

Description of Contamination:

- 3 alleles attributable to JLV are present in MCL.  
2 of the alleles are above 100rfu; 1 is below 100rfu.

Corrective Measures:

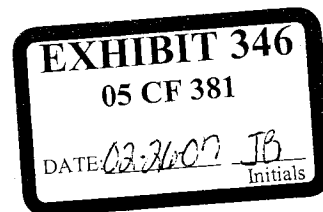
- Cleaned all equipment with bleach + ethanol.
- Cleaned bench with bleach + ethanol.
- Changed lab coat.

Case Resolution:

- 3 low level partial profiles were developed in the evidentiary samples. None are CODIS suitable, they can only be used for elimination purposes.

Profile appropriate for CODIS QA Batch file    yes     no   
Date entered into Batch file           

DNA Technical Unit Leader             
Supervisor           



Quality Assurance Record:

Date 11/16/06

Analyst Initials sz

Case Number M05-2172

Description of Contamination:

Analyst present in MC

Corrective Measures:

Will use mask during extractions  
when sick. Cleaned equipment,  
tossed reagents

Case Resolution:

Re-extraction of samples  
MC clean

Profile appropriate for CODIS QA Batch file    yes     no   
Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader sz  
Supervisor MP

sz

Quality Assurance Record:

Date 11/17/06

Analyst Initials YM

Case Number M05-2294

Description of Contamination:

my profile appeared in a mixture DNA profile obtained from a swab of a stain.

Corrective Measures:

Reextraction was attempted but no DNA was obtained

Case Resolution:

Identified myself as a possible contributor to the mixture and put a composite profile of the unknown contributor into CODIS.

Profile appropriate for CODIS QA Batch file    yes     no   
Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader AS

Supervisor MM

Quality Assurance Record:

Date November 8, 2006

Analyst Initials ZDD

Case Number M06-765

Description of Contamination:

Probable analyst in mixture of sample N1.

Corrective Measures:

Exclusion of male suspect in sample.  
Not reextracted.

Case Resolution:

Report worded to include analyst.

Profile appropriate for CODIS QA Batch file    yes     no

Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader SW 11-16-06

Supervisor [Signature]

Quality Assurance Record:

Date 10/18/06

Analyst Initials JZ

Case Number W06-1209

Description of Contamination:

MC#4 has some peaks, consistent w/L1

L1 has DNA profile consistent

w/ case # M05-2890 item A1A NSP ~~of~~ <sup>JZ</sup> item A5

These samples were quanted & amp'd on same days.  
Extractions were performed on consecutive days.

Corrective Measures:

Cleaned area, New reagents, cleaned equipment

I am going to try not to extract high level DNA samples near in space or time to low level DNA samples.

Case Resolution:

Samples L1 & K1 were re-extracted  
insufficient amt of DNA obtained  
from the re-ext

Samples were 1st re-amp, but gave  
same result.

results are inconclusive

Profile appropriate for CODIS QA Batch file    yes     no

Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader [Signature] 10-18-06  
Supervisor [Signature]

Quality Assurance Record:

Date 10/18/06

Analyst Initials JZ

Case Number W05-1876

Description of Contamination:

MC#1 → Not clean

DNA profiles obtained for A1 & Major component obtained for A2  
consistent w/ case #M06-940 DIA NSP

These samples were extracted around the same time,  
quantified & amp'd on same days

Corrective Measures:

Cleaned area & equipment, New reagents

I am going to try not to extract high  
level DNA samples near space & time  
to low level samples.

Case Resolution:

Samples were re-amp'd w/ same result.

Consumed samples in original extraction  
results are inconclusive  
Minor component in A2 used for exclusionary  
purposes only

Profile appropriate for CODIS QA Batch file    yes     no

Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader JZ 10-18-06

Supervisor [Signature]

[Signature]

Quality Assurance Record:

Date 10/18/06

Analyst Initials JZ

Case Number W05-140

Description of Contamination:

partial DNA profile in Mc#1  
two alleles detected in item B

Based on Quant values, it's possible that these  
samples were switched after Quant ~~or~~  
or mislabeled at some point

Corrective Measures:

Cleaned area & equipment, new reagents

Limit ~~ex~~ distractions & limit # of  
cases working at one time to  
prevent this error.

Case Resolution:

Re-amp samples obtained similar results as 1st amp

Sample consumed in 1st & original extraction  
results are inconclusive

Profile appropriate for CODIS QA Batch file    yes     no   
Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader 42 10-18-06  
Supervisor [Signature]

[Signature]

Quality Assurance Record:

Date 10/8/06

Analyst Initials YAF

Case Number M06-672

Description of Contamination: DNA profile in MC that is possible carryover from samples.

Corrective Measures:

Two samples were consumed at extraction and will be used for exclusionary purposes. The one probative sample was re-extracted.

Case Resolution:

The MC was clean in the re-extraction and the probative DNA profile was reobtained from the re-extracted sample.

Profile appropriate for CODIS QA Batch file    yes     no   
Date entered into Batch file \_\_\_\_\_

DNA Technical Unit Leader [Signature]  
Supervisor [Signature]



Quality Assurance Record:

Date 9/26/06

Analyst Initials gal

Case Number m05-1642

Description of Contamination:

Analyst DNA present in sample c.

Corrective Measures:

Sample was re-extracted.

Case Resolution:

Re-extracted sample had no analyst DNA profile present.

Profile appropriate for CODIS QA Batch file    yes     no

Date entered into Batch file     

DNA Technical Unit Leader SM 9-26-06

Supervisor

Quality Assurance Record:

Date 9/14/06

Analyst Initials JAL

Case Number M05-1723

Description of Contamination:

Unknown male profile in manipulation control

Corrective Measures:

Samples were re-extracted.

Case Resolution:

re-ext. <sup>JAL</sup> ~~second~~ manipulation control was clean

Profile appropriate for CODIS QA Batch file yes  no

Date entered into Batch file 9-14-06 BJS

DNA Technical Unit Leader S 9-14-06

Supervisor hu

Quality Assurance Record:

Date 9-6-06

Analyst Initials SN

Case Number W06-1086

Description of Contamination:

Profile of analyst developed from a swabbing of evidence (item A)  
Reported as a questioned female profile.

Corrective Measures:

Profile was entered into Codis and hit  
an analyst profile from FN-lab profiles in  
System -

Work area cleared -

Case Resolution:

Supplemental Report written to  
notify agency there is no "evidence" profile -  
Sample removed from Codis

Profile appropriate for CODIS QA Batch file    yes     no     N/A  
Date entered into Batch file N/A

DNA Technical Unit Leader SN 9-6-06  
Supervisor MR

2

Quality Assurance Record:

Date 8/29/06

Analyst Initials ZRD

Case Number W06-847

Description of Contamination:

Unknown profile in MC.

Some similarities to mixture profile in case sample  
(item M)

Corrective Measures:

Reextracted remainder of sample.  
Neg. on Quantifiler ∴ NFA.

Cleaned work area & obtained new solutions/  
reagents.

Case Resolution:

Used for elimination only w/ first set  
of data & contaminated MC.

Profile appropriate for CODIS QA Batch file yes  no

Date entered into Batch file 8-29-06 ZRD

DNA Technical Unit Leader 4 9-6-06

Supervisor [Signature]

Quality Assurance Record:

Date 8/28/06

Analyst Initials KW

Case Number 1003-2027

Description of Contamination:

very partial female profile dev. in med of 2 hair roots and shaft controls. Unable to determine origin of profile, not me and not carry over.

Corrective Measures:

Could not re-ext. = hairs, could not re-amp = conc. into 25 ul & ampd. 19.2 ul, cleaned work space & tools.

Case Resolution:

Eliminated (S) from quassi sds (cig. butts) from the hairs. Failed to elim. (U) from one hair. 2<sup>nd</sup> hair was a female profile.

Profile appropriate for CODIS QA Batch file yes  no

Date entered into Batch file N/A

DNA Technical Unit Leader SN

Supervisor MTN 9/5/06

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Form Page No. \_\_\_\_\_

<del>4-20-06</del>	critchik	Case	Group Contamination	Messary tapes
4-20-06	M	MO7-1975	unknown female profile in negative control, partial profile above ACrt's. Could detect more alleles between 5 Orfus & ACrt's	Changed reagents, cleaned area, cleaned tools, Alled area in setup box
4-20-06	R	M53-1543	Alleles consistent - evidence sample in Manipulation Control	Changed reagents, cleaned area, cleaned tools
8-01-06	Su	MO4-2594 (NON-susp. case)	Female profile in NC - very high levels, possible Amp. Prod.	Re-extract samples and got clean controls - amp. areas were cleared + bleached *upload to Codis -
8-3-06	B/S	MO2-2742	Possibly my own DNA in a mixture profile - detected during Autosearch - of a swabbing of a gas card sleeve. This is a "no suspect case". Profile removed from Codis. Negative controls all clear.	No sample left to re-extract. Bleached area & cleaned utensils. (Three other samples of the eight taken from 4 gas cards, were entered in Codis)

Witnessed & Understood by me, \_\_\_\_\_

Date \_\_\_\_\_

Invented by \_\_\_\_\_

Recorded by \_\_\_\_\_

Date  
12/1/06

8-  
11-27-06

From Page No. \_\_\_\_\_

From Page No.	Initials	type of cont	Case #	measures taken
6/6/06	Jal	analyst present at minor comp. on evidence sample	W05-202	re-extract sample
6/20/06	Jz	Ident. analyst (HMR) present in all samples taken	M03-2136	none
6/30/06	JUP	carryover from high quant sample into mc	M05-1370	cleaned area reextracted sample
7/18/06	Jz	poss. carryover in MC carryover from previous ext (M05-1830) in re-ext samples	M06-685	re-ext samples used 1st extraction for exclusionary purposes only (no more sample) cleaned area, equipment, new reagents
6/21/06	JUP	Low level in MC some alleles similar to analyst or others not source (if one) is unknown	M05-775	used for exclusion Upload to CODIS Cleaned area of No more samples
8/3/06	Jz	poss. carryover in MC from previous ext (M06-430)	M06-475	cleaned equipment & new reagents Re-ext samples
8/29/06	JUP	Partial profile in MC some alleles similar to analyst & others not source (if one) is unknown	M06-847	Use for exclusion only. Upload to CODIS Attempted to reextract w/ no DNA remaining

Witnessed & Understood by me.

11-22-06  
12/1/06

Date

Invented by

Date

Recorded by

1/11/06 occurred w/ extraction on 6/23/05	MRS	M68-12772	Partial profile in the manipulation control consistent w/ the profile in one of the samples <sup>(AP)</sup> . Degradation was less apparent in sample AP which led me to question whether it's carry-over vs. contamination of both samples	Changed reagents and cleaned area & tools in June of 2005. Reextracted samples that there was something fogg back to. No contamination in those. Sample AP had insuff DNA for typing. The profile was not seen again
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3/16/06 occurred w/ extraction on 1-4-06	MRS	M05-36	Partial Profile in the manipulation control. All alleles consistent w/ SIC	Changed reagents, cleaned area, cleaned tools in my workspace. Threw away all community tubes/plasticware that both SIC & I would use. Extracted new samples but partial profile mixture at low level so called samples inconclusive.
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TITLE \_\_\_\_\_

From Page No.	Initials	Type of Cont	Case #	Measures Taken
8-15-05 M87-1451	gn	Beaks (3) in MC.	M87-1451	Re-amped samples 4 MC clean on 1st amp
10/26/05	gz	Vag swab FF# MC FF switched (MC → complete (V) profile)	M05-2307	Re-amped samples MC clean on 2nd amp.
11-22-05	gn	Carryover from Spec. fraction into manip. cont.	M05-411	did NOT interpret Case closed, DA. Would NOT pursue - cleaned scissors + Forceps + desk area
4/10/06	KDD	Analyst present in samples (hair) low levels of DNA molecules etc.	M80-1334	Inconclusive for inclusionary purposes. Cleaned area etc
4/30/06	KDD	Analyst present in sample (hair).	M06-570	Exclusion only. Cleaned work area + re- reagents.
4/24/06	gn	Analyst profile found in MC (12)	M05-2467	Cleaned area NO samples to re-extract (Reported profile)
5-15-06	gn	Analyst profile in Item D	M06-688.	Cleaned area, did not redo sample, other probative evidence was clean.
4/30/06	gn	poss carryover from samples into MC	M06-675	cleaned area, re-extract, some samples inconclu. for inclusionary purposes. 10/1/06

Witnessed & Undergo to by me

Date

Invented by

Date

10/2/06

Reviewed by

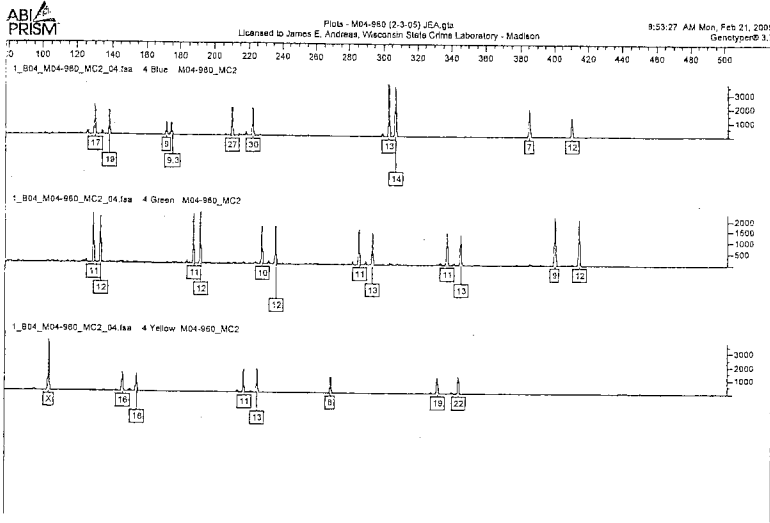
11-22-06

gn  
11-22-06

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Initials	Type of Cont.	Case #	Measures Taken
2/22/05 gn	Unknown ♀ profile in MCs. Doesn't match anything in Case. Possibly DNA in Amp tube.	M04-960	- Re extracted & amp'd samples associated w/ MCs. Got clean MCs re analyzed samples.

- Female profile in MCs. Doesn't match anything in case or other cases that were being worked at that time. Possibly DNA from Amp tube.



2-13-05

Initials  
gn

extra det. peaks in ⊕ Amp. (OL peaks)

M04-1684

did NOT use data - NO Amp. DNA in Sample -

3/9/05

gn

Analyst profile present as minor comp. on a Std. Sample.

M04-2554

- re extracted sample & re typed clean

16-

4-25-05

gn

analyst profile in MC -

M04-2149

Re-extracted samples

7/28/05

gn

(U) profile present in questioned sample MC. (MC(D/S))

M05-150

Set-up another 3100 plate

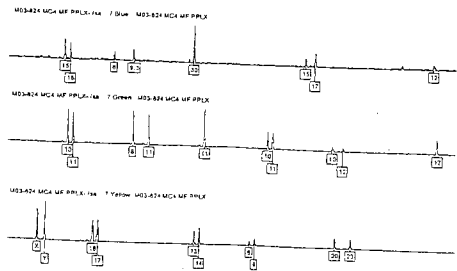
TITLE \_\_\_\_\_

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Date	Initials	Case	Type of Contamination	Measures Taken
11/12/04	JRE	M03-1510	Peaks < 120 RFU in Green @ 2 loci in both MC and NEG. No peaks > 50 RFU in blue or yellow.	Mixtures in samples unsuitable for CODIS. Additional samples extracted but no profiles obtained.

From Page No. \_\_\_\_\_

Date	Initials	Case #	Type of Contamination	Measure(s) Taken
8/3/04	JRE	PT04-574	Unidentifiable male present as a minor / trace contributor to a mixture from questioned sample #4.	The sample #4 was re-extracted (2x) and the minor profile did not show up again.
12/2/04	MRP	M04-1357	Swabbing of plastic baggie A1, maj. profile is consistent with MRP. No sample for reextraction. Results only used for elimination.	Bleached area and cleaned utensils
			Swabbing of ziplock envelope, A2, <sup>MRP</sup> maj. profile is consistent with MRP. No sample for reextraction. Results only used for elimination.	
12/2/04	BJS	M03-587	Carryover of Amelogenin X & DS (11, 12) from A1 FF in the MCI FF.	The sample A1 was reextracted & this time the MC was clean.
12/14/04	MRP	M04-1973	Unidentifiable female present in manipulation control. No sample for reextraction. Results used only for elimination.	Bleached area and cleaned utensils
12-27-04	BJS	M03-824	Unknown male profile detected in the M04 MF. <u>Not</u> consistent with the three known stels. submitted on the case, any of the 1PS stels, PT04-574 samples or any case samples that I processed since Sept. '04. No match found in CODIS searches.	All profiles duped from the MF & FF of the samples from item D are consistent w/ originating from a female. ∴ did not attempt to reextract sample.



Witnessed & Understood by me.

Date

Invented by

Date

Recorded by

11-22-06

Will use FF date which has a clear control.

To Page No. \_\_\_\_\_

TITLE \_\_\_\_\_

From Page No. \_\_\_\_\_

Initials

Type of Cont.

Case #

Measures Taken

3/16/04

KW

carry over peaks in MCD

M03-2160

Re-amp'd  
Set of samples -  
clean

9/23/04

KW

One male profile in MCD(S)  
[Does not belong to anyone on file in Lab, anyone involved in this case or any other case that was slotted w/ this case]

M03-1118

Sample was consumed  
Re-amped. Still there  
Included in report for elim. purposes.  
Rinsed all tips, tubes & reagents  
Clean tools & areas.

10/19/04

JRE

myself from a swabbing and scraping of the handle of a paring knife previously super-glued. > 1mg/ul DNA was recovered and all but a trace was myself.

M03-1634

I doubt the knife was contaminated, but more likely downstream processing  
Unknown how!

12-3-04

SW

aerosol from an amp. tube in Amp # 2 involved 4 cases, peaks in all 4 cases  
↓  
(looks like)  
(Ladder)

M04-198 (re-extract)

M04-1169

M04-1037

M04-1147

Re-amp all samples

12-17-04

SW

Ladder in all samples  
(threw current kit away - bleached amp area + work space)

M04-1999

M04-1684

Re-amp -

~~12-14-04~~

~~SW~~

~~extra peaks in~~

(SW)

(SW)

To Page No. \_\_\_\_\_

Witnessed & Understood by me.

Date

Invented by

Recorded by

SW  
12/1/06

SW  
11-21-06

1-28-04

KBO

~~WOP~~  
Cont. in MC#1  
1 allele

7702-1738

Cleaned area  
reconstructed

2-11-04

JSA

extra peaks in internal  
control - possible Amp  
issue.

1103-1822

- Strong sample showed  
non-specific amp product.  
reamped samples  
cleared up sample

To Page No. \_

Witnessed & Understood by me,

EW

11-22-06

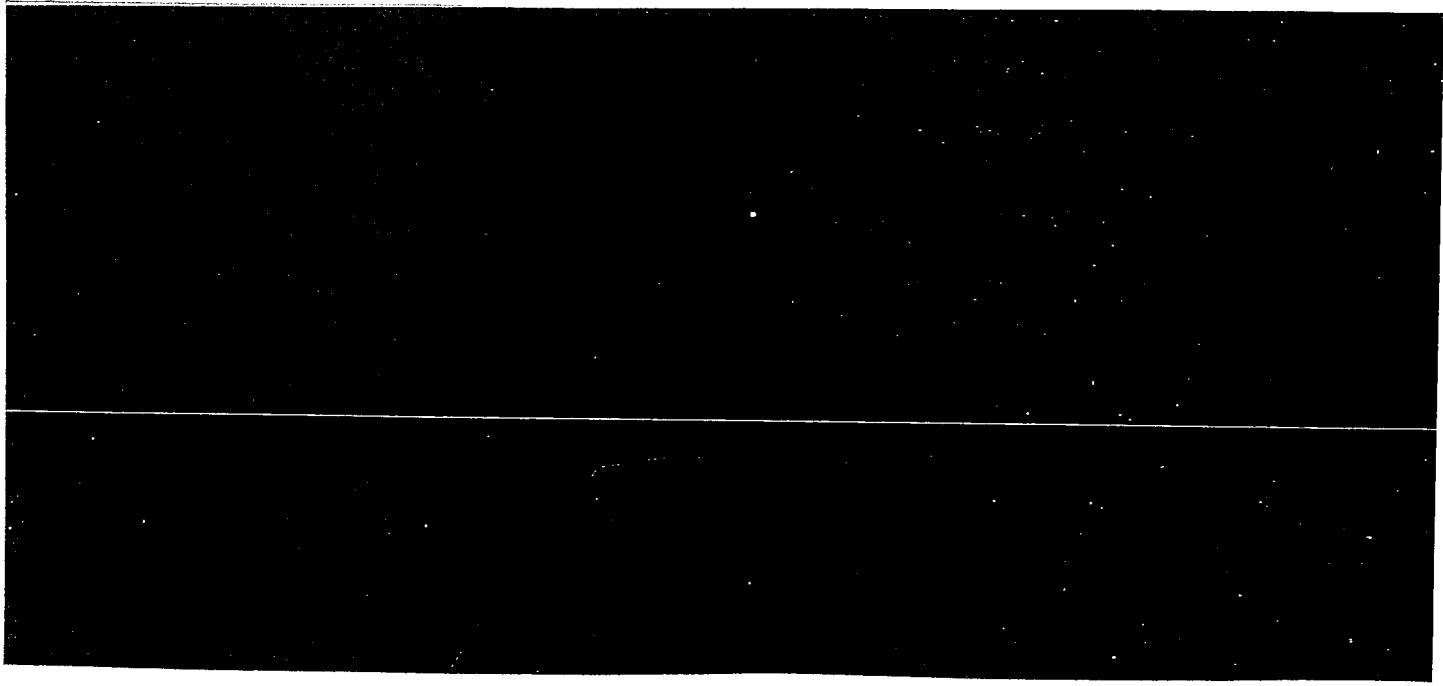
MKBY  
12/1/06

Date

Invented by

Date

Recorded by



TITLE \_\_\_\_\_ Project No. \_\_\_\_\_  
Book No. \_\_\_\_\_

From Page No. \_\_\_\_\_

1-14-04 BJS MCI was initially inj'd for 6 sec & 4 alleles were detected. Penta E (16) These are Penta D (14) not CW USA (17) any of DB (13) our IPS. M03-1866 Rejected at 3 sec but the Penta D (14) was still detected. Only trace amts. of DNA were detected in case samples. ∴ will not repeat the samples

4-19-04 BJS Major component of the STR mixture from the swabbing of cigarette pack cellophane is CW IPS 110 (BJS). Minor alleles are CW the profiles detected on two other items. M03-2652 Could not re-extract or repeat the sample. Report contamination - minor alleles can be used

Witnessed & Understood by me, \_\_\_\_\_ Date \_\_\_\_\_ Invented by \_\_\_\_\_ Date \_\_\_\_\_  
Recorded by \_\_\_\_\_ Page No. \_\_\_\_\_  
8/11-22-06

M03-2652 (cont'd)  
for elimination purposes. Also noted that these minor alleles are CW the profile generated from other items in case.  
Bleached down work area / utensils etc.

Witnessed & Understood by me, \_\_\_\_\_ Date \_\_\_\_\_ Invented by \_\_\_\_\_ Date \_\_\_\_\_  
Recorded by \_\_\_\_\_ To Page No. \_\_\_\_\_