

EXTRACTION BATCH CONTAMINATION

Affected Batch: CWIQEXT20080403_01

Contaminated profile:

- Plate position: 46
 - Lab No: [REDACTED]
 - Case: [REDACTED]
- █ Offence details : Stolen motor vehicle, 18/02/08, from Synod of Diocese of Brisbane. Beanie and screwdriver left in vehicle. 3 suspects named (different to complainant from 2nd case)
- Profile details : A subsample from the screwdriver handle, barcode [REDACTED], produced a mixed partial DNA profile with indications of 2 contributors (8 alleles, plus Amel). Quant 0.0326. It was not possible to separate this profile into major and minor components – single reference sample submitted could be excluded from this profile

Contaminating profile(s):

- Plate position: 62,70,71,72
 - Lab No(s): [REDACTED]
 - Case : QP0800122597
- Offence details : On 24/02/08 multiple offender(s) have assaulted both complainants after leaving a Brisbane nightclub. Blood stained clothing from one complainant (LEE), shoes from one suspect and scene swabs collected for testing. 3 x EVD samples (1 x def'd, 2 x compl.) submitted.
 - Profile details : 3 subsamples from one item, 'White T-shirt' (various stained regions) and 1 x blood swab (grey crate), gave full 9 STR loci profiles first run with quants of 0.42, 0.068, 0.46, 0.06. Profiles matched to EVD sample from one complainant, KOH.

Points to consider:

- Possibility of these cases being related with both occurring within Brisbane at similar time periods; potential for one of assault case victims being perpetrator of UUMV.
- Initial assessment indicates likely contaminator to be one of the 4 blood profiles obtained from the assault case, given them being full profiles at first run with higher quant values to the mixed sample.
- The extraction batch had previously been checked and released as part of the extraction audit – no other indications of detectable contamination was observed.
- Owing to the incomplete nature of the mixed profile obtained (8 alleles), and the stringency level of profile matching (12 alleles), it was not unexpected that this potential contamination would be missed. This plate has now been placed on hold, pending further investigations.