**FORENSIC BIOLOGY EVIDENCE AND CASE MANAGEMENT MANUAL**

| | Abbreviations | |
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# Abbreviations

The following are the commonly used abbreviations in the Department.  While these abbreviations are typically used as suffixes within sample identifiers, they may be used independently in case notes as well.

| Abbreviation | Description |
|---|---|
| , # | STR rerun due to poor/no size standard |
| , 1/10 dil | STR rerun at 1/10 dilution |
| , confirm OL | STR rerun to confirm off-ladder allele |
| _0.0000001 | 1/10,000,000 Dilution |
| _0.000001 | 1/1,000,000 Dilution |
| _0.00001 | 1/100,000 Dilution |
| _0.0001 | 1/10,000 dilution |
| _0.000167 | 1/6000 Dilution |
| _0.00025 | 1/4000 Dilution |
| _0.0003 | 1/3000 Dilution |
| _0.0004 | 1/2500 Dilution |
| _0.0005 | 1/2000 Dilution |
| _0.001 | 1/1000 Dilution |
| _0.0025 | 1/400 Dilution |
| _0.005 | 1/200 Dilution |
| _0.008 | 1/125 Dilution |
| _0.01 | 1/100 Dilution |
| _0.015625 | 1/64 Dilution |
| _0.02 | 1/50 Dilution |
| _0.03125 | 1/32 Dilution |
| _0.04 | 1/25 Dilution |
| _0.05 | 1/20 Dilution |
| _0.0625 | 1/16 Dilution |
| _0.1 | 1/10 Dilution |
| _0.1_a | 1/10 dilution for sample a replicate |
| _0.1_b | 1/10 dilution for sample b replicate |
| _0.125 | 1/8 Dilution |
| _0.166 | 1/6 Dilution |

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| Abbreviation | Description |
|---|---|
| 0.2 | 1/5 Dilution |
| 0.25 | 1/4 dilution |
| 0.5 | 1/2 Dilution |
| 0.78 | Suffix used for QA sensitivity test |
| 1X | Not diluted |
| _1 | Sequential number identifier |
| _10 | Sequential number identifier |
| _11 | Sequential number identifier |
| _12 | Sequential number identifier |
| _125 | Suffix used for QA sensitivity test |
| _13 | Sequential number identifier |
| _14 | Sequential number identifier |
| _15 | Sequential number identifier |
| _150 | Suffix used for QA sensitivity test |
| _16 | Sequential number identifier |
| _17 | Sequential number identifier |
| _18 | Sequential number identifier |
| _19 | Sequential number identifier |
| _1a | Sequential number identifier for sample a replicate |
| _1b | Sequential number identifier for sample b replicate |
| _1c | Sequential number identifier for sample c replicate |
| _1H | Sequential number identifier for high dilution |
| _2 | Sequential number identifier |
| _20 | Sequential number identifier |
| _21 | Sequential number identifier |
| _22 | Sequential number identifier |
| _23 | Sequential number identifier |
| _24 | Sequential number identifier |
| _25 | Sequential number identifier |
| _25 | Suffix used for QA sensitivity test |
| _26 | Sequential number identifier |
| _27 | Sequential number identifier |
| _28 | Sequential number identifier |
| _29 | Sequential number identifier |
| _2a | Sequential number identifier for sample a replicate |

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| Abbreviation | Description |
|---|---|
| _2b | Sequential number identifier for sample b replicate |
| _2c | Sequential number identifier for sample c replicate |
| _2H | Sequential number identifier for high dilution |
| _3 | Sequential number identifier |
| _30 | Sequential number identifier |
| _31 | Sequential number identifier |
| _32 | Sequential number identifier |
| _33 | Sequential number identifier |
| _34 | Sequential number identifier |
| _35 | Sequential number identifier |
| _36 | Sequential number identifier |
| _37 | Sequential number identifier |
| _38 | Sequential number identifier |
| _39 | Sequential number identifier |
| _3H | Sequential number identifier for high dilution |
| _4 | Sequential number identifier |
| _40 | Sequential number identifier |
| _41 | Sequential number identifier |
| _42 | Sequential number identifier |
| _43 | Sequential number identifier |
| _44 | Sequential number identifier |
| _45 | Sequential number identifier |
| _46 | Sequential number identifier |
| _47 | Sequential number identifier |
| _48 | Sequential number identifier |
| _4H | Sequential number identifier for high dilution |
| _5 | Sequential number identifier |
| _50 | Suffix used for QA sensitivity test |
| _5H | Sequential number identifier for high dilution |
| 5X | 1/5 Dilution |
| _6 | Sequential number identifier |
| _6.25 | Suffix used for QA sensitivity test |
| _6H | Sequential number identifier for high dilution |
| _7 | Sequential number identifier |
| _8 | Sequential number identifier |

| Abbreviation | Description |
| --- | --- |
| _9 | Sequential number identifier |
| 10X | 1/10 Dilution |
| 20X | 1/20 Dilution |
| _a | Sample a |
| _a_low | Sample a replicate amplified at a lower than optimal DNA amount |
| _abc | Pooled comparison samples |
| _aH | Sample a replicate at a high dilution for STR plates |
| ALBU | Albumin, a blood protein |
| _AM | Bottle mouth swabs/samples with possible saliva suffix |
| Amp | Amplification |
| Amp Neg | Amplification Negative Control |
| Amp Pos | Amplification Positive Control |
| Amy | Amylase |
| AMY1 | Amylase 1, a saliva protein |
| AS | Anal swabs (or smears) |
| _b | Sample b |
| _b_low | Sample b replicate amplified at a lower than optimal DNA amount |
| _bH | Sample b replicate at a high dilution for STR plates |
| _BL | Bloodstain suffix |
| B3AT | Band 3 anion transport protein, a blood protein |
| BF | Body fluid |
| BL | Blood |
| _c | Sample c |
| _c_low | Sample c replicate amplified at a lower than optimal DNA amount |
| _CB | Cigarette Butt suffix |
| _cH | Sample c replicate at a high dilution for STR plates |
| _cond | Conditioned for STRMix |
| CPA | Control's Peak Area |
| CS | Cervical swabs (or smears) |
| CYTT | Cystatin SA, a saliva protein |
| DS | Dried Secretion swab(s) |
| _dup | Sample duplication |
| _dup_hi | Duplicate amplification at higher than optimal DNA amount |
| _dup_hr | Duplicate amplification at higher than "hi" DNA amount |
| _dup_reamp | Sample duplication reamplification |

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| Abbreviation | Description |
|---|---|
| _dup_recut | Duplicate of a recut sample |
| _dup_rerun | Sample duplication rerun |
| _EC(F1) | Epithelial Cell Fraction (Fraction 1) |
| E Neg (or Eneg) | Extraction Negative Control |
| EPos SA | Extraction Positive for Saliva (Molecular Serology) |
| EPos SE | Extraction Positive for Semen (Molecular Serology) |
| EPos BL | Extraction Positive for Blood (Molecular Serology) |
| EX | Extraction Tube |
| FA | Formic Acid |
| FIS | Fragment Ion Ratio Score |
| _FN | Fingernail suffix |
| _FRS | Family reference sample |
| _GS | Gun Swab |
| F1(EC) | Fraction 1 (Epithelial Cell Fraction) |
| F2(SF) | Fraction 2 (Sperm Cell Fraction) |
| HBA | Hemoglobin subunit alpha, a blood protein |
| HBB | Hemoglobin subunit beta, a blood protein |
| _hi | Amplified with higher than optimal DNA amount |
| HIS1 | Histatin 1, a saliva protein |
| _Hr | Amplified with higher than the "hi" DNA amount |
| _Ht | Amplified with the maximum DNA amount |
| ILS | Internal Lane Standard |
| INC | The most likely DNA profile of the DNA donor could not be determined at this locus |
| KLK3 | kallikrein-3 (aka prostate specific antigen), a semen protein |
| KM | Kastle Meyer (presumptive test) |
| _lo | Amplified with lower than optimal DNA amount |
| LEG1H | LEG1 homolog a saliva protein |
| _lwr | Amplified with lower than the "lo" DNA amount |
| _max | Amplified with the maximum DNA amount |
| _mcon | Microcon |
| _mcon1 | Microcon 1 |
| _mcon2 | Microcon 2 |
| MSDA | Molecular Serology Data Analysis |
| _nd  or ND | No duplication of sample needed |

| | Abbreviations | |
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| Abbreviation | Description |
|---|---|
| _neat or N | Neat (no dilution) |
| NTC | Non Template Control |
| OB | Out of Bin STR peak |
| OL | Off Ladder STR peak |
| _opt | Amplified with the optimal DNA amount |
| OS | Oral swabs (or smears) |
| PA | Perianal swabs (or smears) |
| PAA | Perianal / anal swabs (or smears) |
| PE | Positive External Control |
| POC | Product of conception |
| PS | Penile swabs (or smears) |
| _PT | Touched items swabbed by NYPD suffix |
| _R | Remains from Extraction |
| _reamp | Re-amplification |
| _reamp_hi | Reamplification at higher than optimal DNA amount |
| _reamp_Hr | Reamplification at higher than "hi" DNA amount |
| _reamp_Ht | Reamplification at highest DNA amount |
| _reamp_lo | Reamplification at lower than optimal DNA amount |
| _reamp_opt | Reamplification at optimal DNA amount |
| _reamp2 | 2nd Re-amplification |
| _reamp2_hi | 2nd reamplification at higher than optimal DNA amount |
| _reamp2_lo | 2nd reamplification at lower than optimal DNA amount |
| _reamp2_opt | 2nd reamplification at optimal DNA amount |
| _reamp3 | 3rd Re-amplification |
| _recut | Recut |
| _recut2 | 2nd Recut |
| _recut3 | 3rd Recut |
| _reinj | Reinjection |
| _rep | for a replicate amplified at optimum (or less) DNA |
| _rerun | Rerun |
| _rerun_0.05 | Rerun at 1/20 dilution |
| _rerun_0.1 | Rerun at 1/10 dilution |
| _rerun_0.2 | Rerun at 1/5 dilution |
| _rerun_hi | Rerun at high parameter |
| _rerun2 | 2nd rerun |

| Abbreviation | Description |
|---|---|
| _rerun3 | 3rd rerun |
| RTCV | Retention time concordance CV |
| _S | Scrapings suffix |
| _S(2) | Scrapings suffix resubmission |
| SA | Saliva |
| SE | Semen |
| SEMG1 | Semenogelin 1, a semen protein |
| SEMG2 | Semenogelin 2, a semen protein |
| _SF(F2) | Sperm Cell Fraction (Fraction 2) |
| _SM | STRmix |
| SPA | Sample's Peak Area |
| SPA-CPA | Sample fold change (Sample Peak Area – Control Peak Area) |
| SS | Size Standard |
| _ST | Sample to be screened for Male DNA on non-male screening or non-differential extraction |
| _SUR | Substrate Remains Fraction |
| _SW | Items swabbed |
| _SWR | Swab Remains Fraction or Substrate Remains Fraction |
| _T | Touched items swabbed by OCME suffix |
| _UHR | Unidentified human remains |
| UW | Underwear |
| VS | Vaginal swabs (or smears) |
| VU | Vulvar swabs (or smears) |
| XIC | Extracted Ion Chromatograms |
| _Y | Y-STR suffix |
| YF | Yfiler |
| Z | Another allele may be present at this locus |
| ZZ | The STRmix designation which is equivalent to INC (see INC for definition) |

For additional abbreviations used on STR test batches please reference the GeneMarker® and STR Analysis Appendix Manual.

For additional abbreviation used on CODIS sheets please reference the CODIS Profile Management Manual

For definitions of terms used in the case report please reference the DCJS website (http://www.criminaljustice.ny.gov).