| **Assay**  **104889GMP**  **104023GMP** | **DNA Fingerprinting of Cell lines (incl with a single multi-locus probe)** | **Inventory Control** | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Supplier Catalogue Number** | **Oracle Part Number** | **Inventory Control** | **Release**  **Specification** | **In House/ secondary**  **BOM** |
| Material type | Name | **Y/N** | **Y/N** | **Y/N** |
| Restriction Endonucleases | Hinf I | R0155S | 100007300.UK | Y | N | N |
| Reagent | CDP star | 120175 | A0000299.100ML | Y | N | N |
| Buffer | Denaturation Buffer | N1531-1L | 100009143.UK | Y | N | N |
| Buffer | Neutralisation Buffer | 04390-293 | 100001285.UK | Y | N | PROC-BREL\_UK-OP-047162 |
| Buffer | 20 x SSC | 15557-036 | 100004829.4L | Y | N | N |
| Buffer | 1 x TAE | 4390291 | 100000678.UK | Y | Y | N |
| Buffer | 1 x TBE | 043-90296 | 100000646.UK | Y | Y | N |
| Reagent | Ethidium Bromide | 15585-011 | 100001261.UK | Y | Y | N |
| Buffer | 10x Blue Juice loading buffer | 10816015 | 100000721.3x1ML | Y | N | N |
| Buffer | X-ray developer | RGD | A0000089.5L | Y | N | N |
| Buffer | X-ray fixer | 5518 | A0000090.5L | Y | N | N |
| Buffer | 0.25M HCl | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | NICE Pre-hybridisation buffer | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | NICE wash 1 | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | NICE wash 2 | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | NICE hybridsation buffer | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | CDP star assay buffer | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | 1 x SSC | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Buffer | Spermidine | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Probe | AP-conjugated MLP 33.15 | N/A | N/A | N | N | N |
| Chemical | Trizma base | T1503 | 100001345 | Y | N | N |
| Chemical | Trizma hydrochloride | T3253 | 100007854 | Y | N | N |
| Chemical | Sodium chloride | S3014 | 100004421 | Y | N | N |
| Lab supplies | Hyperfilm | 28906848 | A0000086.25PK | Y | N | N |
| Reagent | Agarose | 15510-027 | 100005038 | Y | N | N |
| Lab supplies | Hybond-N+ Membrane | RPN303B | A0000245.UK | Y | N | N |
| Lab supplies | 3MM Chromatography paper | 3030-917 | A0000141 | Y | N | N |
| **Assay**  **104889GMP**  **104023GMP** | **DNA Fingerprinting of Cell lines (incl with a single multi-locus probe)** | **Inventory Control** | | | | |
| **Supplier Catalogue Number** | **Oracle Part Number** | **Inventory Control** | **Release**  **Specification** | **In House/ secondary**  **BOM** |
| Material type | Name | **Y/N** | **Y/N** | **Y/N** |
| Ladder | 1kb+ DNA ladder | 10787018 | 100007375 | Y | N | N |
| Chemical | Sodium dodecyl sulfate (SDS) | L4390-500G | 100004580.500G | Y | N | N |
| Reagent | 20% Sodium dodecyl sulfate (SDS) | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Reagent | 1% Sodium dodecyl sulfate (SDS) | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |
| Reagent | 2 x SSC | N/A | N/A | N | N | PROC-BREL\_UK-OP-047162 |

**Approvals**

**Prepared By \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Approval (Ops) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Approval (QA) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Document Revision History**

|  |  |  |
| --- | --- | --- |
| **Revision Number** | **Details** | **Effective Date** |
| R00 | New BOM generation | Date of approval |
| R01 | Denaturation buffer SKU and supplier CAT# changed to reflect new supplier. | Date of approval |
| R02 | Change of SKU for Restriction endonuclease (change control 246031)  Addition of 104889 assay in footer.  Removal of 104088 assay from footer and associated reagents (HaeIII RE and 33.6 probe) – assay retired.  Reference to PROC-BREL\_UK-OP-047162 created to replace RP documents. | Date of approval |
| R03 | Change of SKU for Agarose and CDP Star (to reflect current supplier and SOP).  Reference to PROC-BREL\_UK-OP-047162 created to replace RP document for preparation of 0.25M HCl.  Addition of Trizma base, Trizma hydrochloride and sodium chloride (associated with General Change Control # 335291),  Addition of Sodium dodecyl sulfate (SDS), Agarose, Hybond-N+ membrane, 3MM chromatography paper, 1kb+ DNA ladder, 20% SDS, 1% SDS and 2 x SSC (for completeness of Bill of Materials). | Date of approval |