| **Assay**  **108601GMP** | **CO1 Barcode Assay for Cell Line Identification** | **Inventory Control** | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Supplier Catalogue Number** | **SKU Number** | **Inventory Control** | **Release**  **Specification** | **In House/ secondary**  **BOM** |
| Material type | Name | **Y/N** | **Y/N** | **Y/N** |
| Extraction Kit | QIAamp DNA mini Kit | 51304 | A0001640.UK | Y | Y | N |
| Extraction Kit | QIAamp DNA mini QIAcube Kit | 51326 | 100007449.KIT | Y | Y | N |
| Consumables | Collection tubes | 19201 | A0000568.2ML | Y | N | N |
| Buffer | 1x Phosphate Buffered Saline (PBS)  1x Dulbeccos PBS +CA+MG | 14040083  14040091 | 100000856.100ml  100000718.500ml | Y | Y | N |
| PCR Kit | AmpliTaq Gold 360 PCR Master Mix | 4398881 | 100008580.UK | Y | Y | N |
| Water | Nuclease Free Water | 129115, P1193 | 100004189.1000ML  A0000551.50ML | Y | Y | N |
| Solvent | Ethanol | 153386F  283047K | A0000104  A0001860.UK | Y | N | PROC-BREL\_UK-OP-036382 (KPBT4413) |
| Chemical | Agarose | 15510-027 | 100001257.500G | Y | Y | N |
| Reagent | 10x Blue Juice Loading Buffer | 10816-015 | 100000721.3x1ML | Y | Y | N |
| Reagent | Gel Star Nucleic Acid Stain | 50535 | 100004202.2PK | Y | Y | N |
| Reagent | ExoSAP-IT Reagent | USBM78200200UL | 100009316.UK | Y | N | N |
| Reagent | Ultra Pure Glycerol | 15514011 | 100008581.UK | Y | N | N |
| Reagent | Ethidium bromide | 15585-011 | 100001261.UK | Y | Y | N |
| Buffer | 1 x TE Buffer | V6231 | A0000554.100ML | Y | N | N |
| Buffer | 1 x TBE buffer | 043-90296 | 100000646.UK | Y | Y | N |
| Buffer | 1 x TAE buffer | 4390291 | 100000678.UK | Y | Y | N |
| Buffer | 10 x TBE buffer | 15581-028 | 100001260.10L | Y | Y | PROC-BREL\_UK-OP-036382 (KPBT4413) |
| Buffer | 10 x TAE buffer | 15558-034 | 100001259.10L | Y | Y | PROC-BREL\_UK-OP-036382 (KPBT4413) |
| Molecular Weight Marker | 1Kb Plus DNA Ladder | 10787-018 | 100007375.UK | Y | Y | N |
| Molecular Weight Marker | Low DNA Mass Ladder | 10068013 | 100000716.200UL | Y | Y | N |
| DNA sequencing Kit | BigDye Terminator v3.1 | 4337456 | A0001976.UK | Y | N | N |
| Polymer | POP 7 Polymer | 4352759 | A0001975.UK | Y | Y | N |
| Buffer | Big Dye Terminator 5 x Sequencing Buffer | 4336697 | 100004321.1ML | Y | Y | N |
| Buffer | 10 x Genetic Analyser Buffer | 4335613 | A0001977.UK | Y | Y | PROC-BREL\_UK-OP-036305 (KPES0553) |
| DNA Sequencing Control Template | pGEM®-3Zf(+) Vector | P2271  4337456 | 100004987.VL  A0001976.UK | Y | Y | PROC-BREL\_UK-OP-036382 (KPBT4413) |
| DNA amplification primer \* | MUF Forward PCR primer | N/A | N/A | N | N | N |
| DNA amplification primer \* | MUR Reverse PCR primer | N/A | N/A | N | N | N |
| DNA sequencing primer \* | M13F Forward sequencing PCR primer | N/A | N/A | N | N | N |
| DNA sequencing primer \* | M13R Reverse sequencing primer | N/A | N/A | N | N | N |
| 3130*xl* Genetic Analyser Capillaries | 50 cm, 80 cm capillary arrays | 4315930,  4319899 | 100004884.UK, 100004883.UK | Y | N | N |
| Purification Kit | Optima DTR Ultra 96 well plate | 1645637  1617946 | 100009156.UK  100009157.UK | Y | Y | N |
| Buffer | SeqSaver Sequencing premix dilution buffer | S3938-2X1ML | 100009254.UK | Y | Y | N |
| Bioanalyser Kit | Agilent DNA 7500 kit | 5067-1506 | 100009216.UK | Y | Y | N |

\* **Note:** Primers to be supplied by Integrated DNA Technologies (IDT) only.

**Approvals**

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

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

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

**Document Revision History**

|  |  |  |
| --- | --- | --- |
| **Revision Number** | **Details** | **Effective Date** |
| R00 | 1. New BOM generation | 26 Feb 16 |
| R01 | 1. Addition of SeqSaver Sequencing premix dilution buffer and Agilent DNA 7500 kit to list | Date of approval |
| 2. Exo-SAP\_IT SKU and supplier code changed |