| **Assay**  **107439VAL, 107439GMP** | **Determination of gene copy number in a sponsors cell line by QPCR** | **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** |
| Extraction kit | QIAamp DNA Mini Kit | 51304 | A0001640.UK | Y | Y | N |
| Extraction kit | QIAamp DNeasy Tissue Kit | 69504 | A0000575 | Y | Y | N |
| PBS | Phosphate Buffered Saline (PBS), 1x | 14040-083  14040091 | 100000856.100ml  100000718.500ml | Y | Y | N |
| Water | Nuclease Free Water | P1193 | A0000551.50ML | Y | Y | N |
| Solvent | Ethanol | 101074F  153386F  283047K | A00001044.UK  A0000104.2’5L  A0001860.UK | Y | Y | N |
| Buffer | 1 x TE buffer (optional) | V6231 | A0000554.100ml | Y | N | N |
| PCR master mix | Universal PCR mastermix | 4304437 | A0000111.KIT | Y | Y | N |
| IPC | Exogenous IPC Reagents | 4308321 | A0000112.KIT | Y | Y | N |
| Detection reagents (Primers & Probe) | Taqman β-Actin Detection Reagents | 401846 | 100004532.100RXN | Y | N | N |
| Detection reagents (Primers & Probe) | Ribosomal RNA Reagents (18s) | 4308329 | A0002207 | Y | N | N |
| Detection reagents (Primers & Probe) | Rodent GAPDH Kit | 4308313 | A0000279 | Y | N | N |
| Primer | Client specific | N/A | N/A | N | N | BA5101 |
| probe | Client specific | N/A | N/A | N | N | BA5081 |
| DNA | Negative control DNA | N/A | N/A | N | N | 02.761 |
| DNA | DNA positive control Plasmid | N/A | N/A | N | N | BR-KPBT6440-PLAS |

| **Assay**  **107439VAL, 107439GMP** | **Determination of gene copy number in a sponsors cell line by QPCR** | **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** |
| DNA | DNA positive control oligonucleotide | N/A | N/A | N | N | BR-KPBT6440-DNA |
| DNA | Positive control genomic DNA | N/A | N/A | N | N | 02.761 |
| DNA | Human Placental DNA | CA-972-M  CA-972-F | A0000363.UK  100004480.1MG | Y | N | N |

**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 |