| **Assay**  **107021GMP** | **QPCR Assay for the Detection of Bovine Polyomavirus (BPyV) in biological samples** | **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** |
| Primer | 20µM CPMV-818R Primer | N/A | N/A | N | Y | BA5101 |
| Primer | 20µM CPMV-745F Primer | N/A | N/A | N | Y | BA5101 |
| Probe | 5µM CPMV-766T Probe | N/A | N/A | N | Y | BA5081 |
| Primer | 20µM BPyV Large T 945F Primer | N/A | N/A | N | Y | BA5101 |
| Primer | 20µM BPyV Large T 1016R Primer | N/A | N/A | N | Y | BA5101 |
| Probe | 5µM BPyV Large T 971T Probe | N/A | N/A | N | Y | BA5081 |
| Primer | 20µM BPyV 39F Primer[[1]](#footnote-1) | N/A | N/A | N | Y | BA5101 |
| Primer | 20µM BPyV 119R Primer1 | N/A | N/A | N | Y | BA5101 |
| Probe | 5µM BPyV 65T Probe1 | N/A | N/A | N | N | BA5081 |
| DNA | BPyV Large T positive control oligo | N/A | N/A | N | Y | KPBT6440 |
| DNA | BPyV VP1 positive control oligo1 | N/A | N/A | N | Y | KPBT6440 |
| DNA | CPMV Plasmid DNA | N/A | N/A | N | N | BA5099 |
| DNA | Human Placental DNA | CA-972-M  CA-972-F | A0000363  100004480.1MG | Y | N | N |
| Solvent | Ethanol | 101074F  15338  283047K | A00001044.UK  A0000104  A0001860.UK | Y | N | N |
| PCR master mix | Universal PCR mastermix | 4305719 | A0000111 | Y | Y | N |
| IPC | Exogenous IPC Reagents | 4308321 | A0000112.KIT | Y | Y | N |
| Extraction kit | QIAAMP DNA Mini Kit[[2]](#footnote-2) | 51304 | A0001640.UK | Y | N | N |
| Extraction kit | QIAAMP Viral RNA Mini Kit2 | 52904 | A0001641.UK | Y | N | N |
| Carrier Nucleic Acid | Polyadenylic acid | 10108626001 | A0000600.100MG | Y | N | N |
| PBS | Phosphate Buffered Saline (PBS) 1x | 14040-083  14040091 | 100000856.100ml  100000718.500ml | Y | Y | N |
| Buffer | 1 x TE buffer | V6231 | A0000554.100ml | Y | N | N |
| Water | Nuclease Free Water | P1193 | A0000551.50ML | Y | N | N |

**Approvals**

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

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

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

**Document Revision History**

|  |  |  |
| --- | --- | --- |
| **Revision Number** | **Details** | **Effective Date** |
| R00 | 1. New BOM generation | Date of approval |

1. Only to be used when specified by client [↑](#footnote-ref-1)
2. Extraction kit used in testing will be dependent on test article nature. Refer to SOP KPBT6395 or client specific method. [↑](#footnote-ref-2)