| **Assay**  **300100GMP[[1]](#footnote-1)** | **Real time Polymerase Chain reaction (PCR) Assay for the Detection of Human Viruses** | **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** |
| Negative Control DNA | Human Placental DNA | CA-972-M | A0000363.UK | Y | N | N |
| Negative Control RNA | Human Placental RNA | 540025 | A0000974.UK | Y | N | N |
| PCR mastermix | Universal PCR Mastermix | 4304437 | A0000111.KIT | Y | N | N |
| RT-PCR mastermix | One Step RT-PCR Mix | 4309169 | A0001642.UK | Y | N | N |
| PCR mastermix | Eurogentec QPCR mastermix | RT-QP2X-03 | 100004081.UK | Y | N | N |
| RT-PCR mastermix | Eurogentec One Step qPCR RT Mastermix | RT-QPRT-032X | 100004423.PK | Y | N | N |
| PCR mastermix | Quanta PerfeCTa qPCR SuperMix, ROX | 733-1188 | 100007355.UK | Y | N | N |
| RT-PCR mastermix | Quanta qScript™ One Step qRT PCR mastermix | 733-1259 | 100007243.KIT | Y | N | N |
| RT-PCR mastermix | AgPath-ID™ One-Step RT-PCR | 4387424 | 100008119.UK | Y | N | N |
| IPC | Exogenous IPC Reagents | 4308321 | A0000112.KIT | Y | N | N |
| IPC | Universal Exogenous IPC-BHQ reagents | RT-IPCY-B02 | 100007562.UK | Y | Y | N |
| Solvent | Ethanol | 101074F  15338  283047K | A00001044.UK  A0000104  A0001860.UK | Y | N | N |
| Extraction kit | QIAsymphony Residual NA Kit2 | 931855 | 100007858.KIT | Y | N | 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 |
| Extraction kit | RNeasy Mini Kit2 | 74104 | A0000578.UK | Y | N | N |
| Extraction kit | QIAAMP DNA Mini QIAcube Kit2 | 51326 | 100007449.KIT | Y | N | N |
| Extraction kit | QIAAMP Viral RNA Mini QIAcube Kit2 | 52926 | 100007446.KIT | Y | N | N |
| Extraction kit | RNeasy Mini QIAcube Kit2 | 74116 | 100007450.KIT | Y | N | N |
| PBS | Phosphate Buffered Saline (PBS) 1x | 14040-083  14040091 | 100000856.100ml  100000718.500ml | Y  Y | Y  Y | N  N |
| Buffer | 1 x TE buffer | V6231 | A0000554.100ml | Y | N | N |
| Water | Nuclease Free Water | P1193 | A0000551.50ML | Y | N | N |
| Carrier Nucleic Acid | Polyadenylic acid | 10108626001 | A0000600.100MG | Y | N | N |
| 300101 Primer | 40µm HSV 1/2 90168 F | N/A | N/A | N | Y | KPBT6377\* |
| 300101 Primer | 40µm HSV 1/2 90168 R | N/A | N/A | N | Y | KPBT6377\* |
| 300101 Probe | 20µm HSV 1/2 90168 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300102 Primer | 40µm B19 90200 F | N/A | N/A | N | Y | KPBT6377\* |
| 300102 Primer | 40µm B19 90200 R | N/A | N/A | N | Y | KPBT6377\* |
| 300102 Probe | 20µm B19 90200 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300103 Primer | 40µm EBV 90207 F | N/A | N/A | N | Y | KPBT6377\* |
| 300103 Primer | 40µm EBV 90207 R | N/A | N/A | N | Y | KPBT6377\* |
| 300103 Probe | 20µm EBV 90207 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300104 Primer | 40µm SV40 90211 F | N/A | N/A | N | Y | KPBT6377\* |
| 300104 Primer | 40µm SV40 90211 R | N/A | N/A | N | Y | KPBT6377\* |
| 300104 Probe | 20µm SV40 90211 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300105 Primer | 40µm HHV5 hCMV 90212 F | N/A | N/A | N | Y | KPBT6377\* |
| 300105 Primer | 40µm HHV5 hCMV 90212 R | N/A | N/A | N | Y | KPBT6377\* |
| 300105 Probe | 20µm HHV5 hCMV 90212 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300106 Primer | 40µm HHV6 90216 F | N/A | N/A | N | Y | KPBT6377\* |
| 300106 Primer | 40µm HHV6 90216 R | N/A | N/A | N | Y | KPBT6377\* |
| 300106 Probe | 20µm HHV6 90216 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300107 Primer | 40µm HHV7 90227 F | N/A | N/A | N | Y | KPBT6377\* |
| 300107 Primer | 40µm HHV7 90227 R | N/A | N/A | N | Y | KPBT6377\* |
| 300107 Probe | 20µm HHV7 90227 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300108 Primer | 40µm HHV8 90223 F | N/A | N/A | N | Y | KPBT6377\* |
| 300108 Primer | 40µm HHV8 90223 R | N/A | N/A | N | Y | KPBT6377\* |
| 300108 Probe | 20µm HHV8 90223 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FA | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FB | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FC | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FD | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FE | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FF | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 FG | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Primer | 40µm HIV-1 90327 R | N/A | N/A | N | Y | KPBT6377\* |
| 300109 Probe | 20µm HIV-1 90327 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 F1 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 F2 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R1 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R2 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R3 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R4 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R5 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Primer | 40µm HIV-2 90310 R6 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Probe | 20µm HIV-2 90310 MGB1 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Probe | 20µm HIV-2 90310 MGB2 | N/A | N/A | N | Y | KPBT6377\* |
| 300110 Probe | 20µm HIV-2 90310 MGB3 | N/A | N/A | N | Y | KPBT6377\* |
| 300111 Primer | 40µm HBV 90260 F | N/A | N/A | N | Y | KPBT6377\* |
| 300111 Primer | 40µm HBV 90260 R1 | N/A | N/A | N | Y | KPBT6377\* |
| 300111 Probe | 20µm HBV 90260 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300112 Primer | 40µm HCV F | N/A | N/A | N | Y | KPBT6377\* |
| 300112 Primer | 40µm HCV R | N/A | N/A | N | Y | KPBT6377\* |
| 300112 Probe | 20µm HCV FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300113 Primer | 40µm HTLV 90269 F1 | N/A | N/A | N | Y | KPBT6377\* |
| 300113 Primer | 40µm HTLV 90269 R2 (LNA) | N/A | N/A | N | Y | KPBT6377\* |
| 300113 Probe | 20µm HTLV 90269 FAM-MGB | N/A | N/A | N | Y | KPBT6377\* |
| 300114 Primer | 40µm HAV 90262 F1 | N/A | N/A | N | Y | KPBT6377\* |
| 300114 Primer | 40µm HAV 90262 R1 | N/A | N/A | N | Y | KPBT6377\* |
| 300114 Probe | 20µm HAV 90262(124) MGB | N/A | N/A | N | Y | KPBT6377\* |
| Primer | 20µm CPMV-818R Primer | N/A | N/A | N | Y | KPBT6377\* |
| Primer | 20µm CPMV-745F Primer | N/A | N/A | N | Y | KPBT6377\* |
| Probe | 5µm CPMV-766T | N/A | N/A | N | Y | KPBT6377\* |
| Primer | EPC3-F (90267F) | N/A | N/A | N | Y | KPBT6377\* |
| Primer | EPC3-R (90267R) | N/A | N/A | N | Y | KPBT6377\* |
| Probe | EPC3-FAM-MGB (90267T) | N/A | N/A | N | Y | KPBT6377\* |
| DNA | HSV 1/2 90168 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | B19 90200 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | EBV 90207 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | SV40 90211 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HHV5 hCMV 90212 DNA Oligonucleotide | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HHV6 90216 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HHV7 90227 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HHV8 90223 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HIV-1 90327 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HIV-2 90310 DNA Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| DNA | HBV 90260 DNA Oligonucleotide | N/A | N/A | N | Y | KPBT6440\*\* |
| RNA | HCV 2-O-Methyl RNA Oligoncucleotide | N/A | N/A | N | Y | KPBT6440\*\* |
| RNA | HTLV 90269 RNA Oligonucleotide | N/A | N/A | N | Y | KPBT6440\*\* |

\*\* SOP reference for KPBT6440 = PROC-BREL\_UK-OP-036986

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Assay**  **300100GMP[[3]](#footnote-3)** | **Real time Polymerase Chain reaction (PCR) Assay for the Detection of Human Viruses** | **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** |
| RNA | HAV 90262 2’ O-Methyl RNA oligonucleotide | N/A | N/A | N | Y | KPBT6440\*\* |
| Internal Control Plasmid | EPC-3 Plasmid | N/A | N/A | N | Y | KPBT6440\*\* |
| Internal Control DNA | CPMV DNA Plasmid | N/A | N/A | N | Y | BA5099\*\*\* |
| Internal Control RNA | CPMV RNA Plasmid | N/A | N/A | N | Y | BA5100\*\*\*\* |

\*\* SOP reference for KPBT6440 = PROC-BREL\_UK-OP-036986

\*\*\* Preparation of CPMV DNA Positive Control Dilution Series.

\*\*\*\*Preparation of CPMV RNA Positive Control Dilution Series.

**Approvals**

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

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

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

**Document Revision History**

|  |  |  |
| --- | --- | --- |
| **Revision Number** | **Details** | **Effective Date** |
| R00 | 1. New BOM generation | 10 APR 2013 |
| R01 | 1. Assay 300112 HCV revalidated and mastermix, primer and probe details updated. | Date of Approval |

1. Assay 300100GMP is the Human Package and consists of assays 300101-300114. [↑](#footnote-ref-1)
2. Extraction kit used in testing will be dependent on test article nature. Refer to SOP [PROC-BREL\_UK-OP-036942 (](http://stledocwebp01.global.sial.com:2000/DocCompliance/edoc-eng/start/home/default.asp?docbase=qumas&nodetype=document&nodeid=92867496&sourcenodeid=&sourcenodetype=&nodename=PROC-BREL_UK-OP-036942)KPBT6395) or client specific method.

   \*SOP reference for KPBT6377 = PROC-BREL\_UK-OP-036916. [↑](#footnote-ref-2)
3. Assay 300100GMP is the Human Package and consists of assays 300101-300114. [↑](#footnote-ref-3)