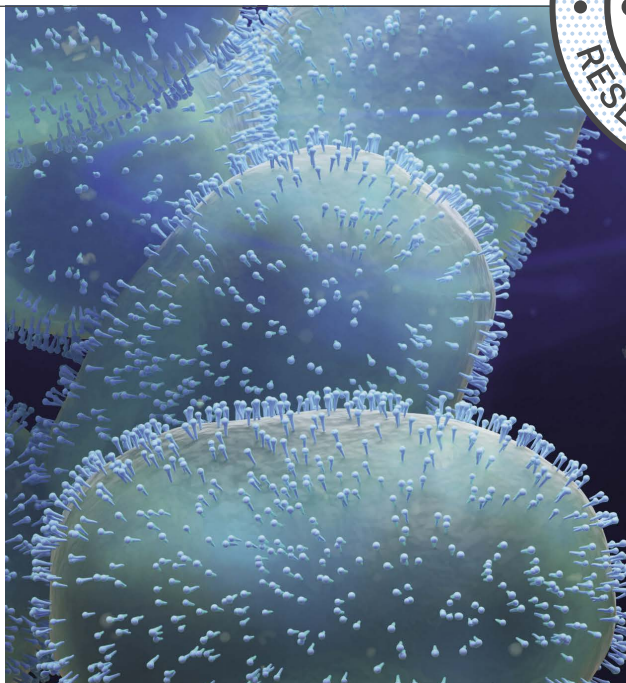


genesig[®] Monkeypox qPCR

Available in both **Easy**
and **Advanced** kit formats:

- ✓ R00606 genesig[®]
Monkeypox
Easy Kit
- ✓ R00605 genesig[®]
Monkeypox
Advanced Kit



Monkeypox virus is a double-stranded DNA zoonotic virus from the genus *Orthopoxvirus*.

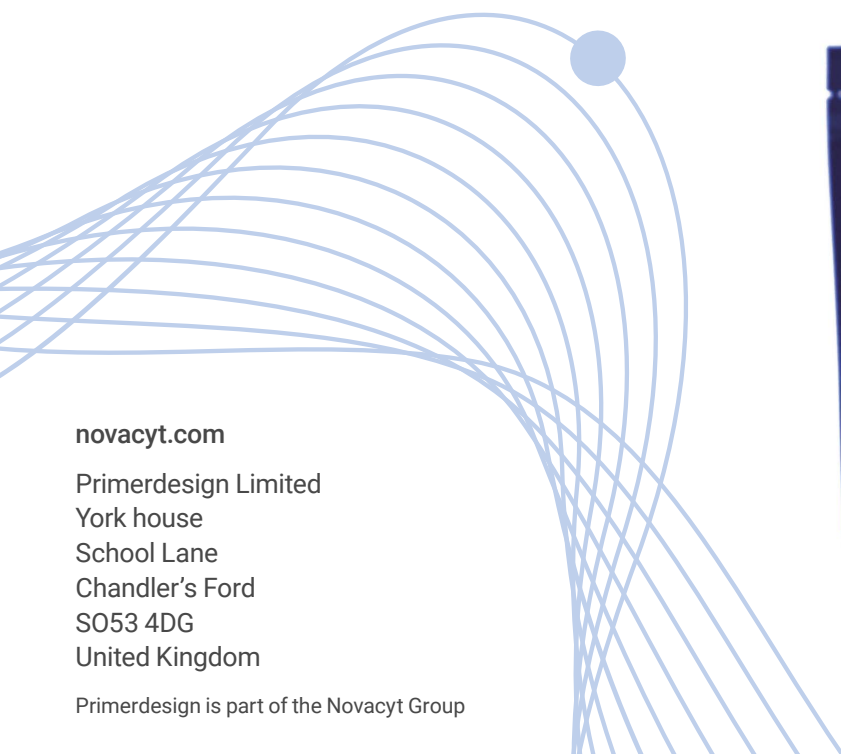
This genus includes cowpox, camelpox, mousepox, variola virus (causative agent of smallpox) and vaccinia virus (used for the smallpox vaccine).

The Primerdesign genesig[®] monkeypox **Easy** and **Advanced Kits** are designed for the quantitative and qualitative detection of the monkeypox genome from DNA extracted from human serum, lesion exudate, or scab samples from human/animal patients of all ages.

Key Features

- ✓ Broad detection profile: 100% homology with over 95% of the NCBI database reference sequences of all monkeypox viral clades available at the time of design (May 2022)*
- ✓ The product has been designed to specifically detect monkeypox virus (i.e. the West African and Central African clades) without detecting other Orthopoxviruses
- ✓ Dynamic range of test: Can detect less than 100 copies of the target template
- ✓ Advanced Kit with open platform compatibility
- ✓ Results available within 90 minutes
- ✓ No cold chain shipping

| Assay Type | Target Gene | Sample Types | Instrumentation | Product Codes | Pack Size |
|--|-------------|--|---|---------------|---|
| <p>genesig® Monkeypox Easy Kit</p> <p>The Primerdesign genesig Easy Kit for monkeypox is configured for use with the genesig® qPCR instruments</p> | M3L Gene | Human serum, lesion exudate, or scab samples from human/ animal patients of all ages | <p>genesig® q16 instrument</p> <p>genesig® q32 instrument</p> | R00606 | 50 reactions (including mastermix) |
| <p>genesig® Monkeypox Advanced Kit</p> <p>The Primerdesign genesig Advanced Kit for monkeypox is configured for use with the genesig® qPCR instruments equipped to detect amplification in the FAM and VIC/HEX channels</p> | | | <p>Novacyt instrumentation:</p> <ul style="list-style-type: none"> • MyGo mini • MyGo Pro • MyGo ESR <p>All other RT-PCR instrumentation that can detect FAM and HEX/VIC</p> | R00605 | 150 reactions (For use with oasis™ lyophilised or Precision® PLUS 2X qPCR Master Mix) |



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*The dynamics of genetic variation mean that new sequence information may become available after the initial design. Primerdesign periodically reviews the detection profiles of our kits and when required releases new versions.