

ANALYTICS FOR LENTIVIRAL VECTORS

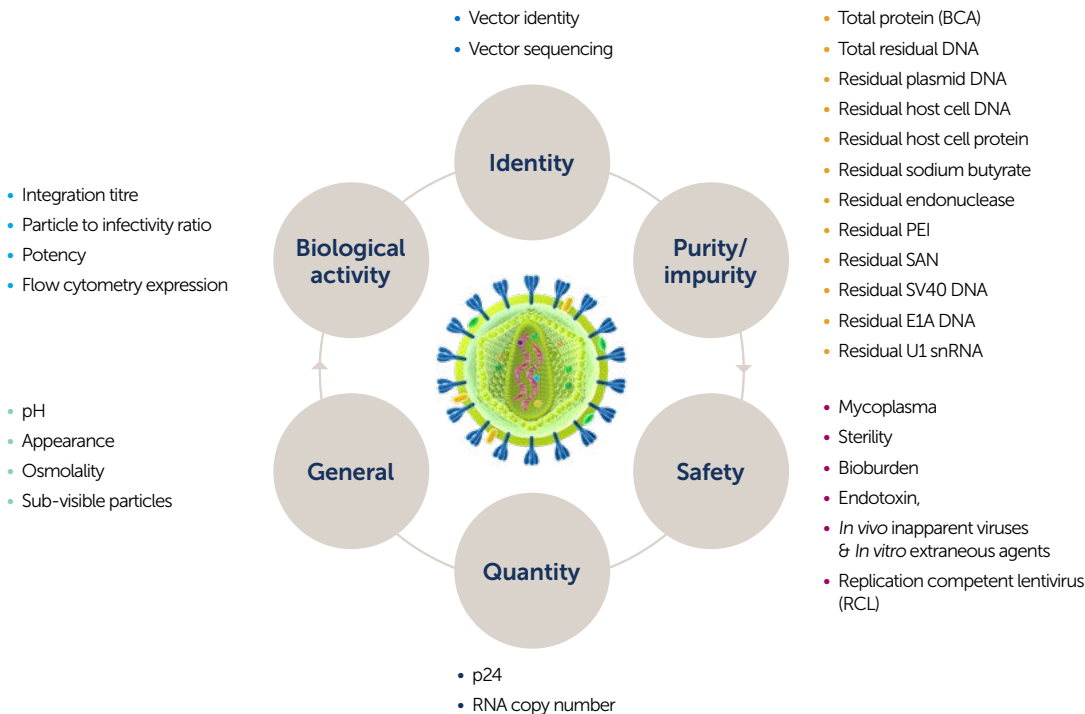


More than 30 in-house assays to ensure compliant GMP batch release and stability testing



Analytical methods are key to the successful manufacture of lentiviral vector-based gene therapeutics and require specialist knowledge, techniques and equipment.

List of key analytic methods



Characterisation assays





Established analytical offering

- ✓ Comprehensive suite of in-house assays for full characterisation, quality control and stability testing
- ✓ In-house GMP replication competent lentiviral (RCL) assay from purpose-built category-3 labs
- ✓ Routine development of custom product specific assays, such as identity and potency assays



Long track record

- ✓ 25+ years of extensive clinical and manufacturing experience including GMP manufacturing since 2014
- ✓ Analytical methods accepted by multiple regulatory agencies, including the FDA, EMA, MHRA and PMDA
- ✓ Analytical package used to release GMP-compliant batches for more than 15 products



Expert regulatory support

- ✓ Support with regulatory meetings, pre-licence inspection preparation and CMC documentation preparation for regulatory filings
- ✓ Redaction of quality section for numerous IND, CTA and BLA filings
- ✓ Regulatory advice on the optimum selection of assays



Pushing the boundaries: innovation, digitalisation and automation

- ✓ High level of automation for higher throughput and cost reduction
- ✓ Development of new analytical methods to increase assay sensitivity and capability
- ✓ On-going digitalisation of comprehensive dataset to improve process productivity and quality



Cutting-edge digital and physical automated platform enabling high throughput optimisation services



State-of-the-art mass spectrometry facility for viral vector protein characterisation and residual HCP



For more information please contact:

Oxford Biomedica
+44 (0) 1865 783 000
www.oxb.com
partnering@oxb.com