

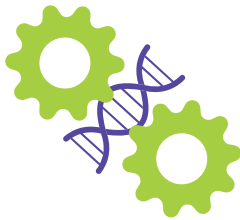
## Ensure complete characterization of your rodent cell line

The Blazar® tNGS Rodent Virus Panel detects species-specific viruses during cell line characterization

Sole global provider since 2020, trusted by **>140 clients across >750 GMP studies**, with **approved regulatory submissions in the US, EU, and Asia**, replacing MAP/HAP/RAP *in vivo* assays and removing >13,000 animals from testing packages

Automated sample-to-report workflow supported by a resilient supply chain for **robust service delivery**

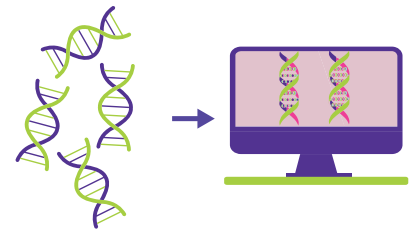
### 1 Extraction



### 2 Degenerate PCR



### 3 Targeted NGS



Upgraded endpoint (replaces capillary electrophoresis)



De-risk CLC activities with a **13-day TAT**



Industry leading **10 gc/PCR reaction sensitivity**




Species level identification of viral contaminants with sequence data



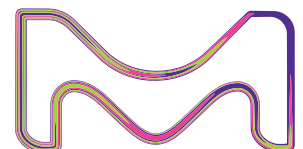
Robotic reagent preparation, sample preparation, degenerate PCR, library preparation, and next-generation sequencing, combined with automated data analysis, ensure a **highly consistent workflow**



Featuring laboratories in the US and UK equipped with built-in **redundant capacity for future readiness**

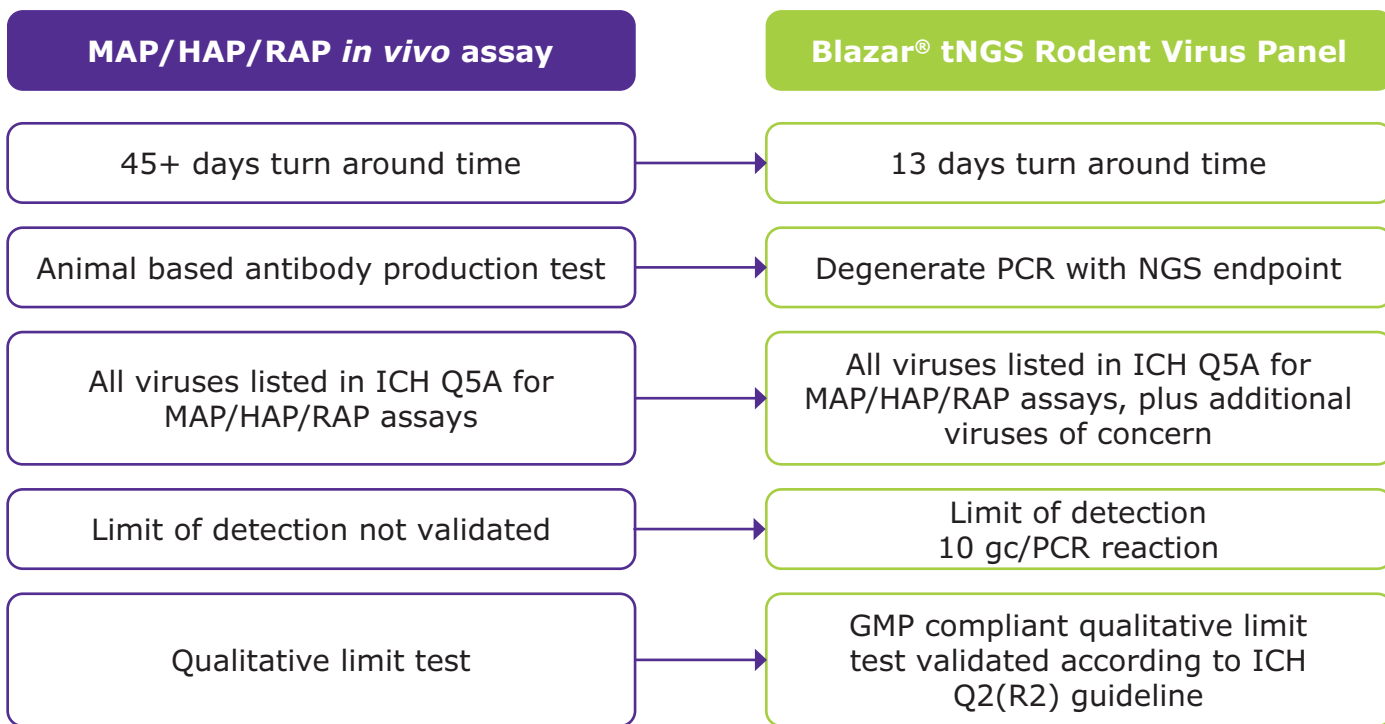
Blazar® Rodent Virus Panel with Targeted NGS **meets latest regulatory expectations** from ICH Q5A(R2) and is validated according to ICH Q2(R2) 

Multiplex degenerate PCR coupled with NGS endpoint offers a **highly robust approach** for detecting a wide range of adventitious viruses



## Blazar® tNGS Rodent Virus Panel represents a suitable alternative to the MAP/HAP/RAP *in vivo* assays

Assay improves reliability by removing the use of live animals and facilitates identification of viral amplicons



Learn more at [SigmaAldrich.com/blazar](https://SigmaAldrich.com/blazar)

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