



Cell Line Characterization

Testing Package

As of October 2025



Cell Line Characterization

Below is our standard testing package for cell line characterization. All testing is executed by Minaris Advanced Testing in full cGMP compliance to inform your downstream needs as quickly as possible.

Category	Assay Type
Identity	Cell morphology
	Non-Human Cell Line ID by NGS
	Human Cell Line ID by STR
Genetic Stability	Gene of interest (GOI) sequencing
	Gene of interest (GOI) copy number
Safety - General	Sterility
	Mycoplasma
	Mycobacterium
	Detection of reverse transcriptase by PBRT
	Transmission electron microscopy (TEM)
	In vitro virus assay
	In vivo virus assay
Safety - Virus Specific	9CFR for bovine, porcine, or equine viruses
	Antibody production: MAP/HAP/RAP
	Species specific viruses by PCR (e.g. MMV, calicivirus, bovine, porcine, human virus panel, simian virus panel)
	Replication competent viruses screening assays (e.g. RCR, RCL, rcAAV, RCA)
	Retroviruses (e.g. PG4 S+L-, co-cult with Mus dunni, extended XC)

In addition to providing cell line characterization, Minaris Advanced Testing can support the full cGMP manufacturing and release of your working and master cell banks.

ABOUT US

Enabling the Future of Medicine

With more than 40 years of bioanalytical testing experience, Minaris Advanced Testing has supported 140+ Biologics and Advanced Therapy clients and understands the need for timely characterization.

We have provided consistent and reliable testing for biologics including more than 50 commercial lot release programs.

Dedicated, Modern, Testing Facility

Our expansive campus at the Navy Yard in Philadelphia, PA boasts a new 140,000 square foot facility which was designed for purpose and is completely dedicated to our testing business.

The facility, called Rouse 400 or R400, has proven regulatory success with the EMA, TGA, Health Canada and FDA.

Visit www.minaris.com to learn more or request a quote.



GET IN TOUCH WITH EXPERTS

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minaris-advanced-therapies

THANK YOU!

Our extensive team of customer-focused project managers and scientific experts look forward to supporting your lot release and serving your target patient population.

