

A549p0#1a Cell Line

Catalogue number: 160508

Sub-type:

Images:

Contributor

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Institute: University of South Alabama

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: A549p0#1a Cell Line

Alternate name:

Class:

Conjugate:

Description: Derived from A549 human lung adenocarcinoma cell line, these cells lack both mitochondrial DNA (mtDNA) and a functional mitochondrial electron transport chain and are auxotrophic for uridine and pyruvate. These cells can be repopulated with exogenous mtDNA (e.g., mtDNA from patients with mitochondrial disease) allowing for mitochondrial mutational analysis. The original parental lines are available upon request.

Purpose:

Parental cell: A549

Organism: Human

Tissue: Lung

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References:

CancerTools.org