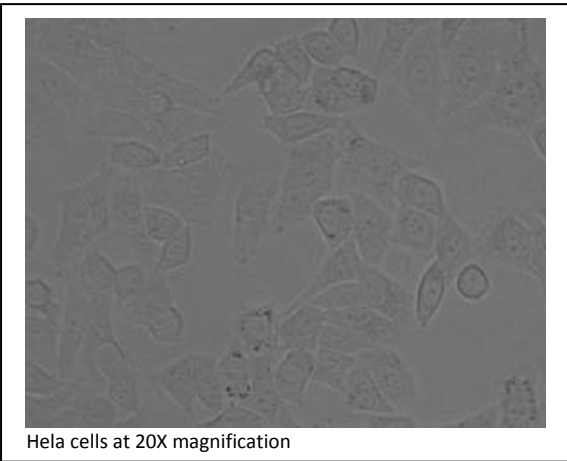


HeLa cells

Handling suggestions for HeLa cells

HeLa cells are derived from cervical adenocarcinoma, and are one of the oldest and most widely used cell lines in research. The cells are easily propagated, and grow rapidly. They express several major cell signaling pathways, and MAPK, p38, JNK, Akt signaling can all be readily detected. ATM/ATR signaling pathway constituents such as Chk1, Chk2 and p53 can also be detected.

Warning: these cells contain Papovavirus, and should be handled with care.



Cell type: epithelial

Disease: cervix adenocarcinoma

Growth: adherent

Organism: Human

Sources: ATCC Cat# CCL-2
ECACC Cat# 93021013

Suggested media:

MEM (Gibco Cat#11095) supplemented with 10% FBS (Gibco)

1% Non-essential amino acids (Gibco Cat#11140)

1% Sodium pyruvate (Gibco Cat#11360)

1% Pen Strep Glutamine (Gibco Cat#10378)

Culturing suggestions:

Split 1:5 - 1:10 when 70-90% confluent.

Detectable signaling pathways:

MAPK

PI3-K

STAT

mTOR

Known Receptors:

EGFR

Warning: these cells contain Papovavirus, and are considered to represent a category 2 pathogen (P2 containment).