

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

UW-NLA-D1

RRID:CVCL_ZR41

Type: Cell Line

Proper Citation

RRID:CVCL_ZR41

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_ZR41

Proper Citation: RRID:CVCL_ZR41

Description: Cell line UW-NLA-D1 is a Somatic stem cell with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:30199234](#)

Comments: Miscellaneous: Cell line name from personal communication of Hinman, Samuel S.

Category: Somatic stem cell

Organism: Homo sapiens (Human)

Name: UW-NLA-D1

Cross References: Wikidata:Q98134441

ID: CVCL_ZR41

Record Creation Time: 20220427T221706+0000

Record Last Update: 20260905T182715+0000

Ratings and Alerts

No rating or validation information has been found for UW-NLA-D1.

No alerts have been found for UW-NLA-D1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Villegas-Novoa C, et al. (2026) Geometrically Constrained Growth Factor Concentration Favors Enrichment of Goblet Cells and Mucus Formation. ACS biomaterials science & engineering, 12(5), 2700.

Massaro A, et al. (2025) An in vitro model of stiffened colonic mucosa exhibits altered epithelial behavior. Biofabrication, 18(1).

Wang H, et al. (2024) In vitro co-culture of Clostridium scindens with primary human colonic epithelium protects the epithelium against Staphylococcus aureus. Frontiers in bioengineering and biotechnology, 12, 1382389.

Singh A, et al. (2024) IL-22 promotes mucin-type O-glycosylation and MATH1+ cell-mediated amelioration of intestinal inflammation. Cell reports, 43(5), 114206.

Villegas-Novoa C, et al. (2024) Creation of a spatially complex mucus bilayer on an in vitro colon model. Scientific reports, 14(1), 16849.

Massaro A, et al. (2024) Fibroblasts modulate epithelial cell behavior within the proliferative niche and differentiated cell zone within a human colonic crypt model. Frontiers in bioengineering and biotechnology, 12, 1506976.

Wang Y, et al. (2022) Human 2D Crypt Model for Assaying Intestinal Stem Cell Proliferation and Differentiation. Analytical chemistry, 94(26), 9345.

Villegas-Novoa C, et al. (2022) Development of a Primary Human Intestinal Epithelium Enriched in L-Cells for Assay of GLP-1 Secretion. Analytical chemistry, 94(27), 9648.

Dutton JS, et al. (2021) Hyperglycemia minimally alters primary self-renewing human colonic epithelial cells while TNF α -promotes severe intestinal epithelial dysfunction. Integrative biology : quantitative biosciences from nano to macro, 13(6), 139.