Resource Summary Report

Generated by ASWG on Aug 3, 2026

Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System

RRID:SCR_021901
Type: Tool

Proper Citation

Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System (RRID:SCR_021901)

Resource Information

URL: https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FTFS-Assets%2FLSG%2Fmanuals%2F100031809_3500_3500xL_Software_v3_1_UG.pdf

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Description: System includes fluorescence based DNA analysis instrument using capillary electrophoresis technology with 8 or 24 capillaries, computer workstation and monitor, and integrated 3500 Series Data Collection Software 3.1 for instrument control, data collection, quality control, base calling, and size calling of samples.

Synonyms: Applied Biosystems 3500/3500xL Genetic Analyzer with 3500 Series Data Collection Software v 3.1, Applied Biosystems TM 3500/3500xL Genetic Analyzer, Applied Biosystems 3500/3500xL Genetic Analyzer

Resource Type: instrument resource

Keywords: Fluorescence based DNA analysis, capillary electrophoresis technology, 3500 Series Data Collection Software, instrument, equipment, USEDit

Availability: Restricted

Resource Name: Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System

Resource ID: SCR_021901

Record Creation Time: 20220421T050137+0000

Record Last Update: 20260801T190719+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System.

No alerts have been found for Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Ardalan B, et al. (2025) Distinct Molecular and Clinical Features of Specific Variants of KRAS Codon 12 in Pancreatic Adenocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(6), 1082.

Haschke AM, et al. (2024) Characterization of two iPSC lines from patients with maternally inherited leigh (MILS) and neuropathy, ataxia, and retinitis pigmentosa (NARP) syndrome carrying the MT-ATP6 m.8993 T>G mutation at different degrees of heteroplasmy. Stem cell research, 81, 103547.

Wulan WN, et al. (2023) Development of a multiassay algorithm (MAA) to identify recent HIV infection in newly diagnosed individuals in Indonesia. iScience, 26(10), 107986.

Henke MT, et al. (2023) Generation of two mother-child pairs of iPSCs from maternally inherited Leigh syndrome patients with m.8993 T > G and m.9176 T > G MT-ATP6 mutations. Stem cell research, 67, 103030.

López-Galiano MJ, et al. (2019) Identification of Stress Associated microRNAs in Solanum lycopersicum by High-Throughput Sequencing. Genes, 10(6).

Lohinai Z, et al. (2017) KRAS-mutation incidence and prognostic value are metastatic site-specific in lung adenocarcinoma: poor prognosis in patients with KRAS mutation and bone metastasis. Scientific reports, 7, 39721.