

Resource Summary Report

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Thermo Fisher: Sartorius: Octet BLI systems

RRID:SCR_023267

Type: Tool

Proper Citation

Thermo Fisher: Sartorius: Octet BLI systems (RRID:SCR_023267)

Resource Information

URL: <https://www.sartorius.com/en/products/protein-analysis/octet-bli-detection/octet-systems-software>

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Description: Octet BLI systems enable real-time, label-free analysis for determination of kinetics, affinity and antibody/protein quantitation. Includes Octet Analysis Studio for analysis of assays measuring kinetics and affinity values for drug-target binding and high-throughput kinetic screening for lead identification. Typical applications include kinetic analysis of protein-protein, protein-small molecules, antibody-antigen, antibody-VLP, antibody-Fc gamma receptors, including antibody-neonatal receptor (FcRn) interactions. Additional applications supported include lot release and stability analysis of drug molecules based on binding kinetics and affinity.

Synonyms: Octet BLI systems, Octet BLI systems with Octet Analysis Studio

Resource Type: instrument resource

Keywords: Sartorius, Octet Analysis Studio, Bio-Layer Interferometry, protein quantitation, assays measuring kinetics analysis, affinity values analysis, instrument, equipment, USEDit

Availability: Restricted

Resource Name: Thermo Fisher: Sartorius: Octet BLI systems

Resource ID: SCR_023267

Record Creation Time: 20230210T050214+0000

Record Last Update: 20260905T133022+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Sartorius: Octet BLI systems.

No alerts have been found for Thermo Fisher: Sartorius: Octet BLI systems.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Unmuth L, et al. (2026) Antigen-directed single domain antibody-based TNFR1 agonists elicit preferential killing of HER2-overexpressing cancer cells. *iScience*, 29(4), 115327.

Schleich FA, et al. (2025) Vaccination of nonhuman primates elicits a broadly neutralizing antibody lineage targeting a quaternary epitope on the HIV-1 Env trimer. *Immunity*, 58(6), 1598.

Chen H, et al. (2024) BRAIDing receptors for cell-specific targeting. *eLife*, 12.

Zhou X, et al. (2024) Antibody discovery identifies regulatory mechanisms of protein arginine deiminase 4. *Nature chemical biology*, 20(6), 742.

Dederer V, et al. (2024) A designed ankyrin-repeat protein that targets Parkinson's disease-associated LRRK2. *The Journal of biological chemistry*, 300(7), 107469.

Sampathkumar P, et al. (2024) Targeted protein degradation systems to enhance Wnt signaling. *eLife*, 13.

Pandey A, et al. (2024) Therapeutic Targeting and Structural Characterization of a Sotorasib-Modified KRAS G12C-MHC I complex Demonstrates the Antitumor Efficacy of Hapten-Based Strategies. *Cancer research*.

Cervantes Rincón T, et al. (2024) Human antibodies in Mexico and Brazil neutralizing tick-borne flaviviruses. *Cell reports*, 43(6), 114298.

Pinkas DM, et al. (2024) A BTB extension and ion-binding domain contribute to the pentameric structure and TFAP2A binding of KCTD1. *Structure (London, England : 1993)*, 32(10), 1586.

Shin OS, et al. (2024) Crimean-Congo hemorrhagic fever survivors elicit protective non-neutralizing antibodies that target 11 overlapping regions on glycoprotein GP38. *Cell reports*, 43(7), 114502.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. *Immunity*, 57(5),

1141.

Huet S, et al. (2023) Targeted Nanofitin-drug Conjugates Achieve Efficient Tumor Delivery and Therapeutic Effect in an EGFRpos Mouse Xenograft Model. *Molecular cancer therapeutics*, 22(11), 1343.

Bian X, et al. (2023) IgG Fc-binding protein positively regulates the assembly of pore-forming protein complex ??-CAT evolved to drive cell vesicular delivery and transport. *The Journal of biological chemistry*, 299(6), 104717.

Patel A, et al. (2023) Molecular basis of SARS-CoV-2 Omicron variant evasion from shared neutralizing antibody response. *Structure (London, England : 1993)*, 31(7), 801.

Pan W, et al. (2023) Structures of NF-?B p52 homodimer-DNA complexes rationalize binding mechanisms and transcription activation. *eLife*, 12.

Svoboda P, et al. (2023) A combination of two resistance mechanisms is critical for tick-borne encephalitis virus escape from a broadly neutralizing human antibody. *Cell reports*, 42(9), 113149.