

# Resource Summary Report

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## Sys-BodyFluid

RRID:SCR\_005335

Type: Tool

### Proper Citation

Sys-BodyFluid (RRID:SCR\_005335)

### Resource Information

**URL:** <http://www.biosino.org/bodyfluid/>

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**Description:** A database of bodily fluid proteome data. It contains information on proteins from human plasma/serum, urine, cerebrospinal fluid, saliva, bronchoalveolar lavage fluid, synovial fluid, nipple aspirate fluid, tear fluid, seminal fluid, human milk, and amniotic fluid. Our body fluid protein database, Sys-BodyFluid, contains 11 body fluid proteomes, including plasma/serum, urine, cerebrospinal fluid, saliva, bronchoalveolar lavage fluid, synovial fluid, nipple aspirate fluid, tear fluid, seminal fluid, human milk, and amniotic fluid. Over 10,000 proteins are included in the Sys-BodyFluid. These body fluid proteome data come from 50 peer-review publications of different laboratories all over the world. Protein annotation are provided including protein description, Gene ontology, Domain information, Protein sequence and involved pathway. User can access the proteome data by protein name, protein accession number, sequence similarity. In addition, user could perform query cross different body fluids to get more comprehensive understanding. The difference and similarity between these 11 body fluids are also analyzed. Thus, the Sys-BodyFluid database could serve as a reference database for body fluid research and disease proteomics. plasma, serum, urine, cerebrospinal fluid, saliva, bronchoalveolar lavage fluid, synovial fluid, nipple aspirate fluid, tear fluid, seminal fluid, human milk, and amniotic fluid, protein, proteomics

**Synonyms:** Sys-BodyFluid

**Resource Type:** database, data or information resource

**Keywords:** bronchoalveolar lavage fluid, cerebrospinal fluid, human milk, nipple aspirate fluid, plasma, protein, proteomics, saliva, seminal fluid, serum, synovial fluid, tear fluid, urine

**Funding:****Resource Name:** Sys-BodyFluid**Resource ID:** SCR\_005335**Alternate IDs:** nif-0000-03526**Record Creation Time:** 20220129T080229+0000**Record Last Update:** 20250412T054939+0000

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## Ratings and Alerts

No rating or validation information has been found for Sys-BodyFluid.

No alerts have been found for Sys-BodyFluid.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Du W, et al. (2021) SecProCT: In Silico Prediction of Human Secretory Proteins Based on Capsule Network and Transformer. International journal of molecular sciences, 22(16).

Du W, et al. (2020) CapsNet-SSP: multilane capsule network for predicting human saliva-secretory proteins. BMC bioinformatics, 21(1), 237.

Kalantari S, et al. (2015) Human Urine Proteomics: Analytical Techniques and Clinical Applications in Renal Diseases. International journal of proteomics, 2015, 782798.