

Bridging biophysics and innovative healthcare

Simple solutions to assess mucus
quality and unveil the meaning
of biorheology

Benefits of rheology

Mucus rheology

a reliable biophysical marker to boost your study

IMPROVING MUCUS CHARACTERISATION

MUCUS COMPOSITION

MUCUS CLEARANCE

EPITHELIAL IMMUNOLOGY

BACTERIAL AND VIRAL INFECTION

FROM ADVANCING TRANSLATIONAL RESEARCH TO SUPPORTING CLINICAL CLAIMS

MOLECULE EFFECT / EFFICACY

DOSE RANGE

DRUG TOXICITY

MD BENCHMARKING

PHARMACOKINETICS

PHARMACODYNAMICS

DRUG BENCHMARKING

DRUG DELIVERY

ENHANCING PATIENT CARE

PHYSIOPATHOLOGY

CLINICAL CLASSIFICATION

NON-INVASIVE CLINICAL EVALUATION

Mucus

The origins



Human



Animal

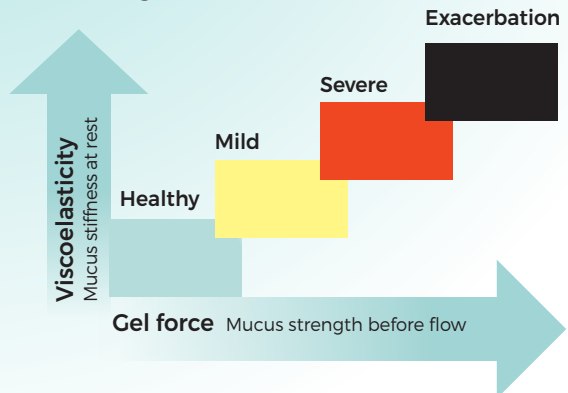


Cell culture



Synthetic mucus

The biophysical quantification of a biological behaviour



Accessible offers

Easy-to-use rheometer

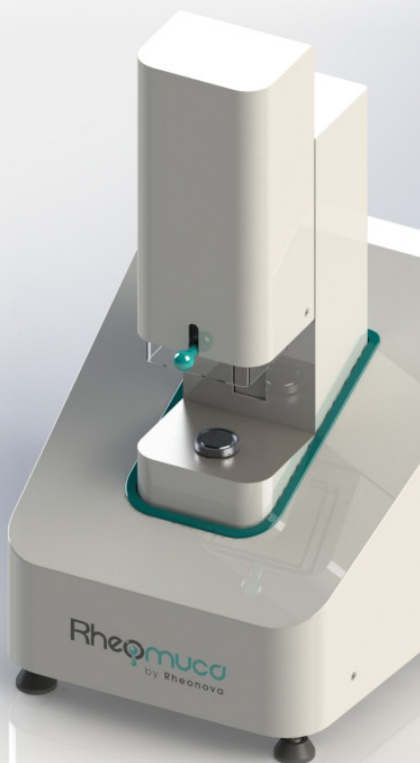
- Easy-to-operate device using an ergonomic software with explanatory videos.
- Plug and play setting with automatic analysis of small volume samples - starting 20 μ l.
- Advices for sample handling e.g. collect, manage, store...

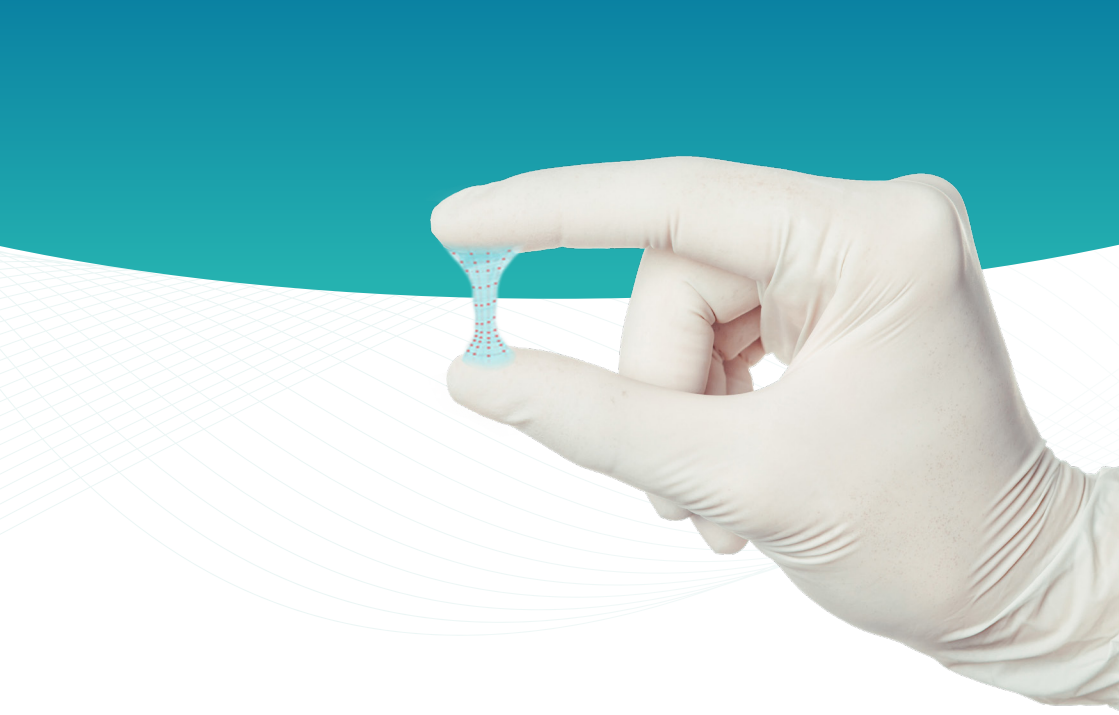
Personalised services by our rheology experts

- Design your study: samples choice, integration of rheological assessment to your protocol.
- Process your data: database comparison, cohort analysis and statistics.
- Enhance your results: interpretation and presentation with a clear take-away message.

Improve your skills with mucus rheology training

- Essential notions of rheology and rheometry for mucus applications.
- On-site or remote courses.
- 2 x 3 hours sessions.





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