

# Quality Control Parameters

For Each Sample Measured



## Structural integrity & functionality

- Size measured as hydrodynamic radius ( $R_h$ ).
- Validate your protein stability
- Get insight into folding/unfolding and conformational changes.



## Viscosity

- Every measurement you take provides viscosity data.
- Viscosity compensation



## Aggregation

- Protein/particle aggregates are clearly detectable and quantifiable whilst still leaving the core signal useful for standard measurement.



## PDB Correlator

- Use the absolute size as a firm reference point.
- Compatible with Protein Data Bank, Pymol or AlphaFold.



## Labelling efficiency

- Option of measuring size of up to 3 species in solution.
- Can e.g. reveal the percentage of free vs. conjugated fluorophore in your sample when you choose to use Fida 1 for labelled assays.



## Stickiness

- The shape of the core signal will reveal any stickiness of your binding partners or your binding complexes.
- The core signal is useful for standard measurement despite of the stickiness.



## Heterogeneity (PDI)

- PDI Index allows for checking the heterogeneity of your sample.



## Sample Loss

- Transparently exposed
- Troubleshoot efficiently

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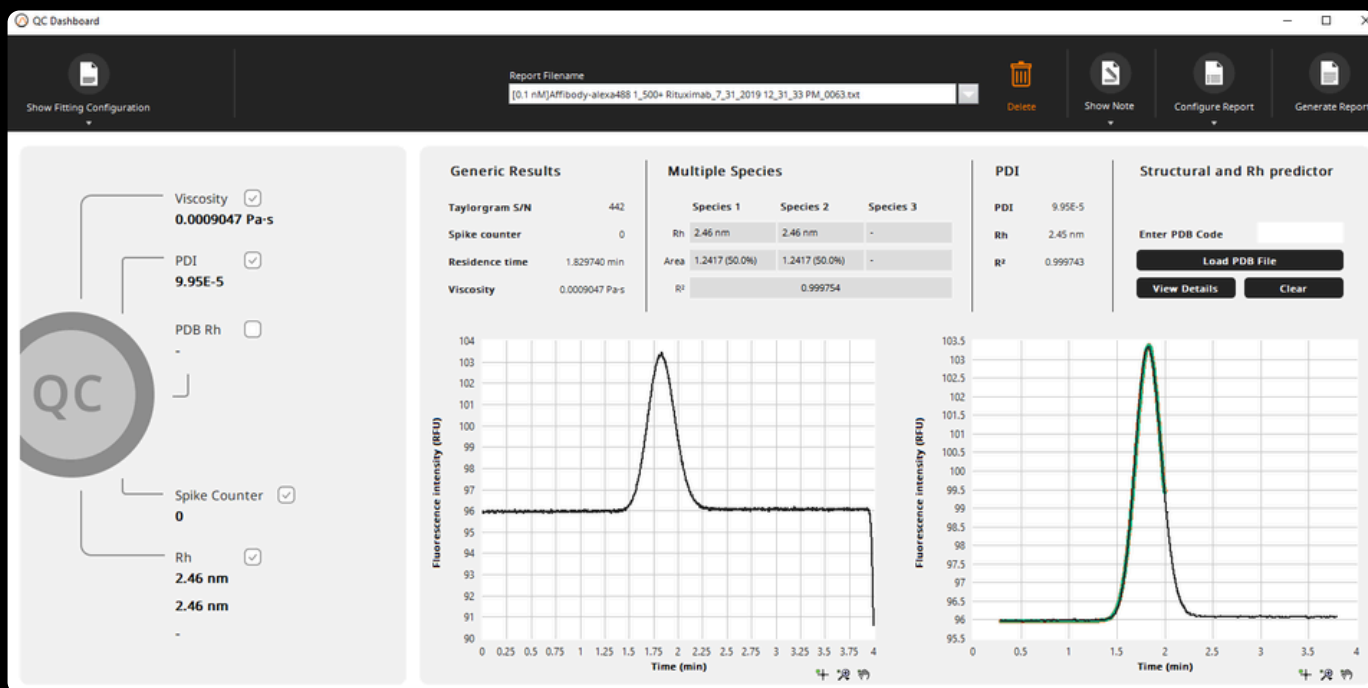
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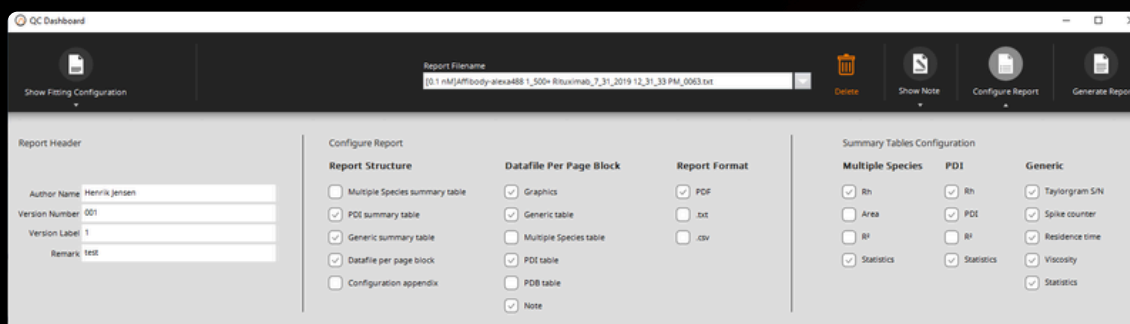


# FIDA NEO

New Instrument by  
**Fidabio**



Easy to implement in your workflow.



With Fidabio Quality Control Module you can custom make and export Quality Control reports of your samples. The data can be exported as a PDF report file with graphs included, or a .txt file, which is easily processed by any data analysis software.

