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## SEC columns for proteins

### SEC columns for proteins



The new size exclusion chromatography (SEC) columns for protein analysis by multi-angle light scattering (MALS) are expressly designed to achieve the best resolution and reproducibility as well as the maximum detection sensitivity for extensive proteins classes including membrane proteins. The columns have a full range of pore size selections; they have many applications, including quantification of protein aggregation, determination of protein conjugate stoichiometry and confirmation of the oligomeric state of a protein. Traditional SEC columns used for protein separation often shed particles, some for an extended period of time. As a result, SEC-MALS methods require excessive down time so that columns can be conditioned to avoid compromising data quality. The new SEC columns cease shedding particles after a very short time and produce exceptionally low light scattering baseline noise and excellent pressure shock resistance. This feature not only ensures the highest data quality and accuracy, but also improves productivity because less time is used waiting for the columns to "quiet down". Moreover, quality consistency is guaranteed as each column is individually tested by Wyatt using a MALS detector before being shipped.

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