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Absolute Proteomic Quantification

National Cancer Institute

Source

National Cancer Institute. *Absolute Proteomic Quantification*. NCI Thesaurus. Code C161811.

A proteomic quantitation method where a known quantity of synthetic, isotopically- or chemically-labeled peptides are added into a sample that is subjected to liquid chromatography mass spectrometry (LC/MS)-based quantification analysis. The labeled peptide co-elutes with the unlabeled analog peptide in the sample and the amount of total target peptide is determined by comparing the total peptide in the elute with the initial concentration of labeled peptide relative to a predetermined standard curve.