

ZipChip

Intact Mass

Intact mass analysis is routinely used to characterize proteins and provide sequence confirmation. The system used for this analysis should be high-throughput, simple, and tolerant of many different sample matrices so that sample prep is easy, and data is generated quickly.

Accelerate intact analysis

ZipChip® provides a fast, accurate, and flexible approach to intact mass analysis. Rapidly screen for the ultimate in high-throughput analysis, or tailor the method to suit a flexible mAb characterization approach without having to change conditions or instrumentation. Queue it all up, ignore your salt and polymeric buffer components, and hit go.

Get the unfair advantage

When compared to traditional methods for intact mass determination, ZipChip exploits the advantages of microfluidic CE-MS to provide a sensitive, very simple, highly flexible approach to getting the answer you need in less time with less hassle.

	Speed of Sample Prep	Speed of Analysis	Detergents Allowed	Compatible w/ Formulation Buffer Compounds
ZipChip MS	★★★★★	★★★★★	★★★★★	★★★★★
MALDI-TOF	★	★★★★★	★★	★
RP-LC/MS	★★★★	★★★	★	★★★★
CE-MS	★★	★★	—	★★

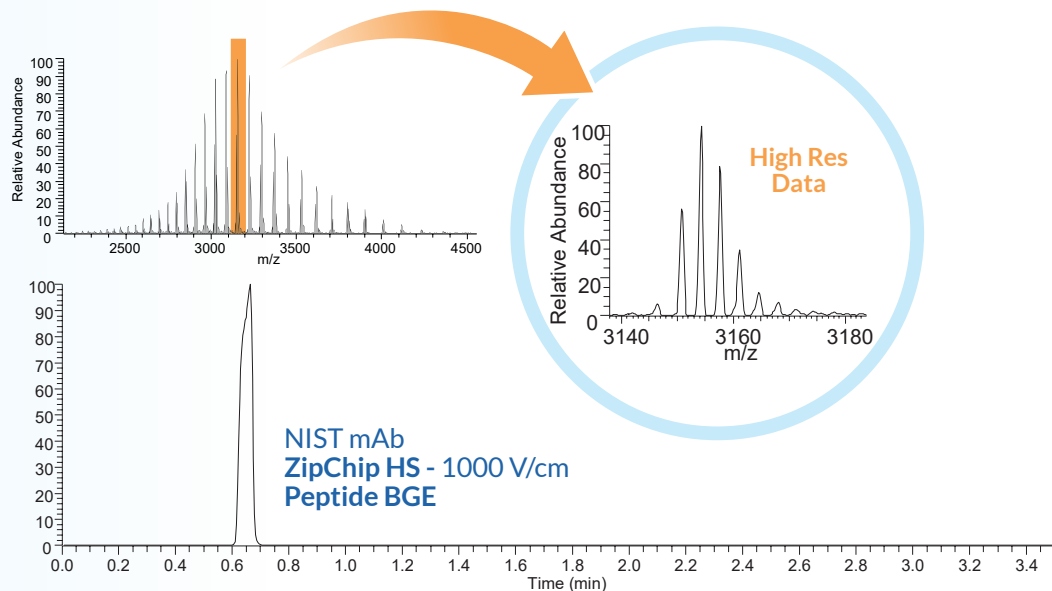
High Throughput Intact Mass

Run Times:
Less than 1 minute

MS Types:
Thermo QE-HF and
Fusion Lumos

Chip Type:
ZipChip HS

Kit Type:
ZipChip Peptide Kit



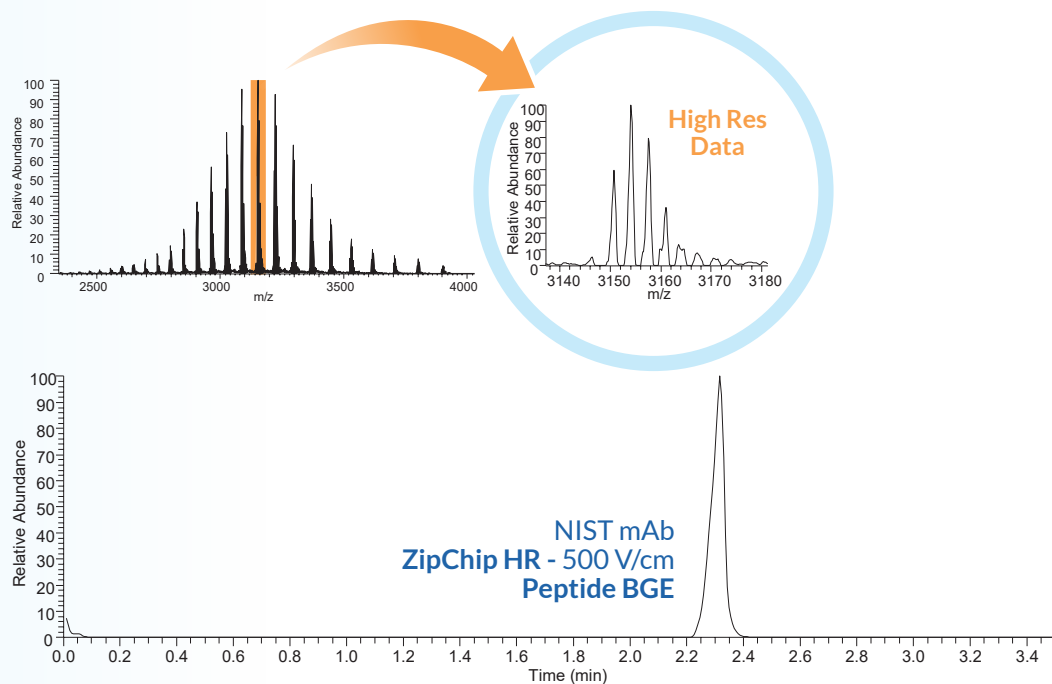
Standard Intact Mass

Run Times:
Less than 3 minutes

MS Types:
All mass spectrometers
capable of intact mass
analysis

Chip Type:
ZipChip HR

Kit Type:
ZipChip Peptide Kit



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