



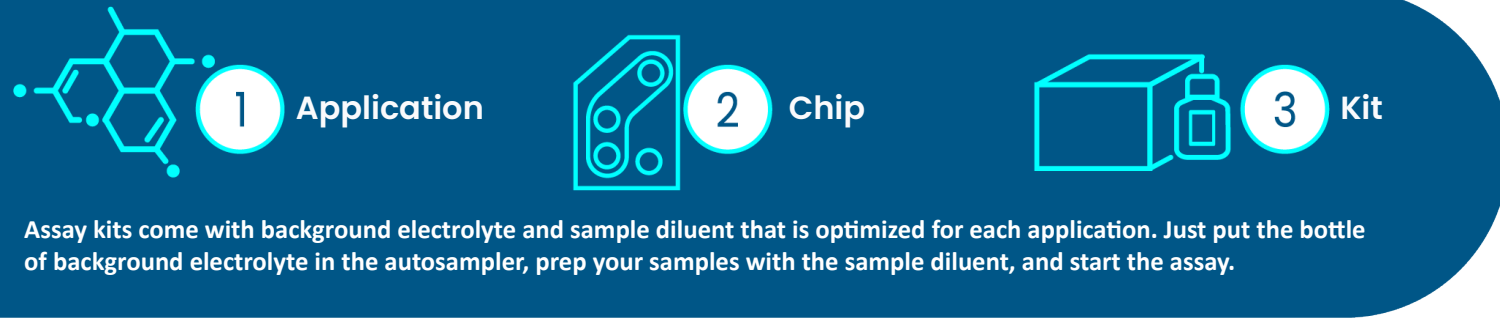
PATsmart™ ZipChip® System

Consumables Guide

From complex biologics to small molecules, ZipChip has an assay kit for you.

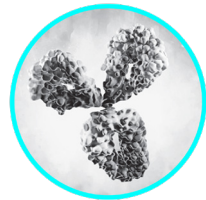
Take the guesswork out of method development

3 Easy Steps to Selection



1 The applications

From large to small molecules. PATsmart™ ZipChip® has got you covered.



Protein characterization

ZipChip is a one-stop shop for CQA's—from charge variant analysis to peptide mapping. You will get high resolution separation coupled to MS with simple, streamlined workflows.



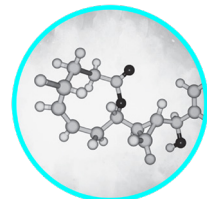
Oligonucleotides

The characterization of nucleic acid-based drugs like oligonucleotides is not easy. ZipChip can offer advantages over LC separations, particularly variations due to charge or shape.



Metabolomics

Quickly analyze small polar analytes from a variety of matrices, or monitor dynamic levels of metabolites in real time. Sample prep is quick and easy, and results are ready in minutes.

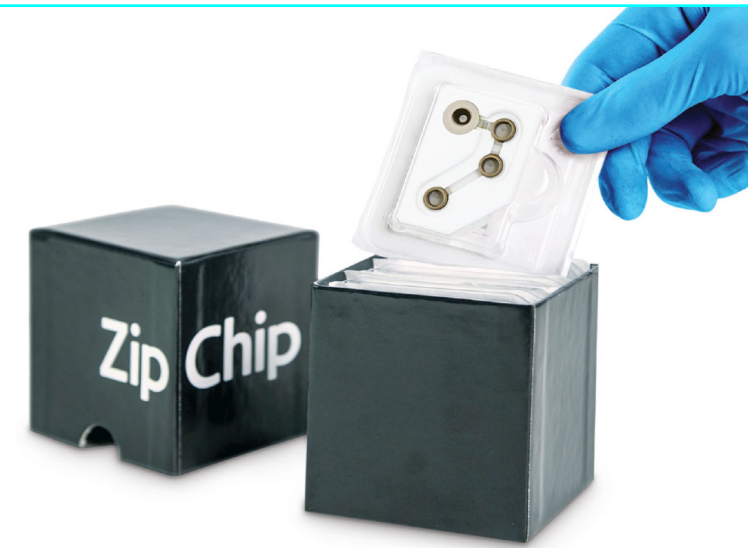


Small molecules

Analysis is easy and fast with ZipChip. Simply dilute and shoot; there's no labeling or derivatization. Small polar analyte assays take as little as 2 minutes. Add internal standards for full quantitation on a variety of analytes.

2 The chips

Choose from a range of chip options to optimize your workflow. Each chip can be used for up to 125 injections.



HS: High Speed chip enables fastest separations.

Matching BGE kit: *Peptides*

HR: High Resolution chip for applications demanding maximum separation capacities.
Matching BGE kit: *Peptides*

HSN: High Speed chip for fast native protein analysis.

Matching BGE kit: *Charge Variant Analysis*

HRN: High Resolution chip with ultimate separation for native protein analysis.

Matching BGE kit: *Charge Variant Analysis*

HSB: High Speed Bare Glass chip for high throughput separation (e.g., fast oligonucleotides analysis).
Matching BGE kit: *Oligonucleotides*

HRB: High Resolution Bare Glass chip for high resolution separation of negatively charged analytes such as oligonucleotides.
Matching BGE kit: *Oligonucleotides*

3 BGE Kits

Background electrolyte (BGE) and sample diluent reduce preparation time for your samples. With ZipChip, just dilute and shoot!

Charge Variant Analysis: Formulated to provide excellent charge variant separations and MS sensitivity for antibodies and other proteins on all mass spectrometers.

Peptides: Fast, efficient separations of protein digests and peptides utilizing low pH.

Oligonucleotides: Rapid analysis of oligonucleotides without the use of ion-pairing agents.



Ordering information

ZipChip Assays Kits*	Part Number	Samples Per Kits
Charge Variant Analysis Assay	850-00052	625
Peptide Assay	850-00034	625
Oligos Assay	850-00066	625
Oligos Starter	850-00067	250 Tests

*All kits contain BGE and diluent, and chips need to be ordered separately. The exception is the oligos starter kit which contains BGE, Diluent, chips and a standard.

Chips	Part Number	Chips Per Box	Injections Per Chips
HS	810-00195	5	125
HR	810-00194	5	125
HSN	810-00230	5	125
HRN	810-00227	5	125
HSB	810-00237	5	125
HRB	810-00239	5	125





Boost your bioprocess today!

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