

Application Kit Storage and Expiration Specs

PATsmart™ REBEL® and ZipChip® Systems

Support Document

The Spent Media Analysis consumables kit (P/N 850-00050) for the PATsmart™ REBEL® System includes background electrolyte (BGE), diluent used for sample preparation and the REBEL standards for quantitative calibration and periodic performance qualification checks.

This guide serves as a reference for proper storage conditions and shelf life for each chemical component as received and once in use in your REBEL System.

Please note: The REBEL standards arrive at your facility separate from the remainder of the kit in order to maintain cold storage (2-8°C) in transit. The REBEL standards pouch should be stored refrigerated immediately upon arrival. The contents of the black REBEL kit box can be stored at room temperature and do not require valuable space in your fridge or cold room.



PATsmart™ ZipChip® Part Number	Description	Components	Samples per kit	Shelf Life*	Storage Temperature	Working Life**
850-00052	ZipChip Charge Variant Analysis Assay Kit	<ul style="list-style-type: none">• 5 x 125 mL BGE• 5 x 15 mL Diluent• 1 x 1 mL Additive	625	18 months	Room temperature	BGE & Diluent: 90 days
850-00048	ZipChip Native Antibody Assay Kit	<ul style="list-style-type: none">• 5 x 125 mL BGE• 5 x 15 mL Diluent	625	18 months	Room temperature	BGE & Diluent: 90 days
850-00034	ZipChip Peptide Assay Kit	<ul style="list-style-type: none">• 5 x 125 mL BGE• 5 x 15 mL Diluent	625	18 months	Room temperature	BGE & Diluent: 90 days
850-00033	ZipChip Metabolites Assay Kit	<ul style="list-style-type: none">• 5 x 122.5 mL BGE• 5 x 15 mL Diluent• 1 x 30 mL Acid	625	18 months	Room temperature	BGE & Diluent: 12 hours once mixed
850-00066	ZipChip Oligonucleotides Assay Kit	<ul style="list-style-type: none">• 5 x 125 mL BGE• 5 x 15 mL Diluent	625	18 months	Room temperature	BGE & Diluent: 90 days
850-00067	ZipChip Oligonucleotides Starter Kit	<ul style="list-style-type: none">• 2 x HRB Chip• 2 x 125 mL BGE• 2 x 15 mL Diluent• 1 x Oligo Standard (20-mer DNA Primer)	250	18 months	<ul style="list-style-type: none">• BGE and Diluent: room temperature• Oligo standard: 2-8 °C	BGE & Diluent: 90 days
850-00043	Qualification Kit	<ul style="list-style-type: none">• 2 x HS Chip• 1 x 125 mL BGE• 1 x 15 mL Diluent• 2 x 5 nmol Amino Acid Standard• 1 x Chip Tray Grease Kit	N/A	18 months	Room temperature	BGE & Diluent: 90 days

*Shelf life from manufacture date; Customers will receive kits with at least 12 months.

**Working Life: Maximum recommended use from initial opening when capped/sealed and stored properly



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REBEL Part Number	Description	Components	Samples per kit	Shelf Life***	Storage Temperature	Working Life**
850-00050 (Domestic) 850-00050 (International)	REBEL SMA Kit	<ul style="list-style-type: none"> 1 x REBEL chip 2 x 250 mL BGE 2 x 125 mL Diluent with internal standard 2 x 96-well microplates SMA Standards (see below) 	200	<ul style="list-style-type: none"> BGE & Diluent: 13 months Standards: 4 months 	<ul style="list-style-type: none"> BGE and diluent: room temperature Standards: 2–8 °C. Do not freeze. 	<ul style="list-style-type: none"> BGE and diluent: 30 days Standards: 14 days
850-00083	REBEL SMA Kit (without Standards)	<ul style="list-style-type: none"> 1 x REBEL chip 2 x 250 mL BGE 2 x 125 mL Diluent with internal standard 2 x 96-well microplates 	200	BGE & Diluent: 13 months	<ul style="list-style-type: none"> BGE and diluent: room temperature 	BGE and diluent: 30 days
850-00059 (Domestic) 850-00059 (International)	REBEL IQOQ Kit	<ul style="list-style-type: none"> 1 x REBEL chip 1 x 250 mL BGE 1 x IQ/OQ Standard Kit (2 vials Performance Qualification std; 5 vials Quantitation std; 5 vials IQ/OQ sample) 	N/A	<ul style="list-style-type: none"> BGE: 13 months Standards: 4 months 	<ul style="list-style-type: none"> BGE: room temperature Standards: 2–8 °C. Do not freeze. 	<ul style="list-style-type: none"> BGE: 30 days Standards: 14 days
850-00064 (Domestic) 850-00065 (International)	REBEL SMA Standards	<ul style="list-style-type: none"> 3 x 5 vials Quantitation standard 3 x 2 vials Performance Qualification Standard 	N/A	4 months	Shipped cold and must be refrigerated (2–8 °C) upon arrival. Do not freeze.	14 days

Customer Service

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