

ION Brilliant *Express* Kits - 100 Plate Size

Standard Kit Contents	Brilliant Sodium Cat# 9000-100	Brilliant Calcium Cat# 10000-100	Brilliant Thallium Cat# 11000-100
Kit Component Name	Size	Size	Size
Bulk Dye - 10 Vials	500 µg ING-2 AM	500 µg Fluo-4 AM	250 µg Thallos AM
DMSO	2.25 mL	2.25 mL	2.25 mL
50X DySolv	40 mL	40 mL	40 mL
10X Brilliant Assay Buffer	200 mL	200 mL	-
10X Brilliant Thallium Assay Buffer	-	-	200 mL
50X TRS	40 mL	40 mL	40 mL
50X Probenecid	40 mL	40 mL	40 mL
10X Chloride Free Stimulus Buffer	-	-	100 mL
10X High Potassium Stimulus Buffer	-	-	100 mL
50 mM Thallium Sulfate	-	-	200 mL

Express Kits Description

ION Brilliant Sodium, Calcium, and Thallium Express Kits provide the necessary reagents for conducting no wash assays, perfect for large scale testing and high-throughput screening. Each kit contains enough materials to treat 100 plates (96-well or 384-well formats). Standard Kits (contents shown in the table above) are kept in stock and ready to ship as soon as an order is placed.

Express Kits Are Fully Customizable

Don't need everything that comes in the Standard Express Kit? Need more or less of a component? Let us customize the Express Kit to your institution's exact needs. See the list below for some ideas about customization of Express Kits that we have provided for our customers in the past and contact ION Biosciences Sales to see what we can do for you.

- Removed the 10X Buffer Solution from the Kit because the customer preferred to use their own in-house formulation for their application.
- Modified the volumes of components supplied to better match the customers protocol (e.g. reduced volumes of DySolv, TRS, and Probenecid by half) and eliminate the need to store/dispose of unused reagents.
- Changed out bulk dyes for our normal sized kit vials (100 x 50 or 25 µg) to reduce the need to store Dye Stock Solutions once made.
- Provided pre-formulated 1X Dye-Loading Solutions that are ready for use after addition of the dye by the customer (Probenecid included in separate bottle as solutions are not long term stable with it added).