

Which SPLASH™ mixture is Right for Me?

Multi-class mixtures

SPLASH™ (330707)

- Contains 14 deuterated standards covering 14 lipids classes
- Designed to be used with human plasma but has been used with a variety of sample types including liver, lung, cell culture, and more

UltimateSPLASH™ ONE (330820)

- Contains 69 deuterated standards covering 15 lipid classes
- Designed to be used with human plasma but has been used on a variety of sample types

EquiSPLASH™ (330731)

- Contains 13 lipids covering 13 lipid classes
- Designed for calibration curve generation as well as for use with samples whose lipid profiles vary from typical mammalian concentrations

MouseSPLASH™ (330710)

- Contains 14 deuterated standards covering 14 lipid classes, including plasmalogens
- Designed to be used with plasma and other tissues from mice

LightSPLASH™ (330732)

- Contains 13 non-deuterated lipids covering 13 lipid classes
- Designed to be used as a primary standard, typically along with SPLASH or EquiSPLASH

SPLASH™ II (330709)

- Contains 12 deuterated lipid standards covering 12 lipid classes, including plasmalogens
- Designed for use with human plasma, but have been used with a variety of sample types

MSI SPLASH™ (330841)

- Contains 13 lipid standards covering including five sphingolipids
- Designed to be sprayed onto brain tissue for mass spec imaging

Ion Mobility Kit (791500)

- Contains 14 lipid standards covering 14 lipid classes; formerly product #330708
- Designed to be mixed with a natural bovine heart extract for use in instrument set-up and method development

Class-specific mixtures

OxysterolSPLASH™ (330700)

- Contains 13 deuterated oxysterol standards Designed to study sterol metabolism

UltimateSPLASH™ Individual Class mixtures (330821-330835)

- Mixtures contain up to 9 deuterated lipids specific to a single class
- These are designed to be used for the study of individual lipid classes in human plasma, but have been used with many sample types

Ceramide LIPIDOMIX™ (330712)

- Contains four clinically relevant ceramides Designed to be used with human blood samples to evaluate the level of ceramides that have been shown to be correlated with cardiovascular health

SphingoSPLASH™ I (330734)

- Contains 6 deuterated sphingolipids Designed for the study of ceramide metabolism

SphingoSPLASH™ II (330735)

- Contains 4 sphingolipids in the de novo synthesis pathway
- Designed for study of sphingolipid biosynthesis

SphingoSPLASH™ III (330737)

- Contains 5 deuterated sphingolipids
- Designed for the study of sphingolipid metabolism

Bile Acid SPLASH™ (330736)

- Contains 17 deuterated bile acids
- Designed to quantify bile acids in human plasma samples

See these mixtures in action in the references section of each product page!