Bioanalytics, Metabolomics and Pharmacokinetics Shared Resource (BMPK)

Catecholamines in Plasma

BMPK has established and validated a highly sensitive liquid chromatographic tandem mass spectrometry assay (LC-MS/MS) for the analysis of norepinephrine (NE), epinephrine (E), dopamine (DA), and dihydroxyphenylglycol (DHPG; the principal metabolite of NE) in sodium heparin human plasma and in lithium heparin mouse plasma. The assay supports both preclinical and clinical research involving the effects of these stress hormones on the immune system and anti-tumor activity.



Time, min

BMPK offers a wide range of bioanalytical and PK/PD modeling services to assist investigators in their basic research, preclinical, and clinical study objectives. For information on services and pricing, contact Joshua Prey, MS, Research Project Administrator (716) 845-3313, Joshua.Prey@RoswellPark.org

