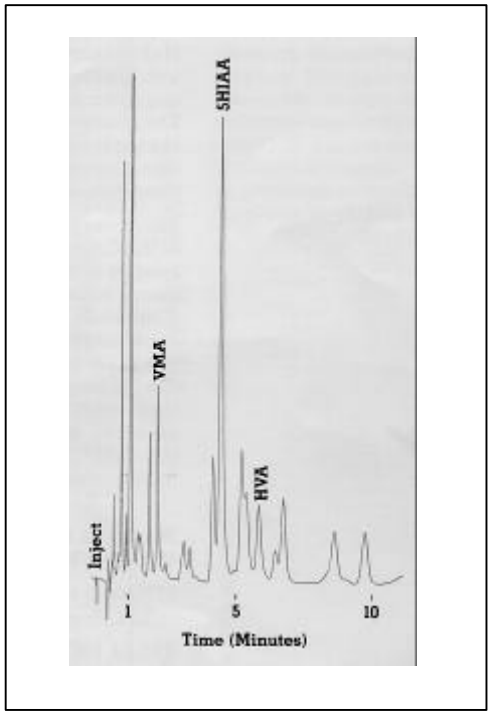
DETERMINATION OF VMA AND HVA IN URINE



Chromatographic Profile of a Urinary Extract of VMA and HVA

Simultaneous measurement of VMA and HVA in urine can be important for the clinical diagnosis of tumors and also uuseful for the detection of abnormalities in catecholamines metabolism associated with psychiatric disorders. The selectivity of LC/ECD allows accurate determination of VMA and HVA without complicated or time-consuming sample clean-up. Sample preparation takes less than 5 minutes and, analysis is completed in less than 10 minutes

Chromatographic conditions

Column : ESA Catecholamine HR-80.

Mobile Phase : ESA Cat-A-Phase Reagent

0.1 M NaH2PO4

8 Mm TBAP (tetrabutyl-ammonium phosphate)

8% Me OH, pH 5.3

Flow Rate : 1.5mL/min.