

Analysis of Catecholamines labeled with 4-fluoro-7 nitrobenzo-2-oxa 1,3-diazole (NBD-F)

Sample:

Preparation :	<u>Derivatization buffer</u> : 10 mM Na ₂ HPO ₄ pH 7.00 <u>NBD-F</u> : 2.7.10 ⁻² M 5 mg in 1 ml of Isopropanol <u>Norepinephrine (NE)</u> : 4.10 ⁻³ M in water , <u>Epinephrine(E)</u> : 2.6 10 ⁻³ M in water <u>Dopamine (DOPA)</u> : 4.6 10 ⁻³ M in water
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Labeling Procedure

200 µl of derivatization buffer (pH7.00)

200µl of standard at 10⁻⁴ M in water

200µl of NBD-F at 2.7.10⁻²M

50 minutes at 60°C