

Vindelov's Reagent for DNA Analysis

NOTE: *Vindelov's reagent must be made and stored in plastic containers, as RNAase will stick to glass surfaces!!!*

Equipment:

50 ml Conical Polypropylene tubes (x2)

Reagents:

100 ml	Tris Buffered Saline (pH=7.6)
1 mg	Ribonuclease A (Type-II; 70 U/mg) (Sigma #R-5000)
7.5 mg	Propidium Iodide (Sigma #P-4170)
0.1 ml	Nonidet p-40 (Sigma #N-3516)

Method:

- 1) Mix all reagents in a plastic container.
- 2) Sterile filter.
- 3) Store refrigerated up to 8 weeks.

Notes:

- 1) Store RNAase desiccated in refrigerator.
- 2) Shelf life for Vindelov's solution is very long (up to 1-2 years). For publication purposes, 8 weeks is very safe.
- 3) Do not allow solution to come into contact with glass (pH probes, pipettes, etc.)