

**JBScreen Nuc-Pro Set 1 - 4**

Cat. No.	Amount
CS-185	4 Kits

**For general laboratory use.**

**Shipping:** shipped at ambient temperature

**Storage Conditions:** store at 8-10 °C

**Shelf Life:** 12 months

**Description:**

JBScreen Nuc-Pro is designed to screen for preliminary crystallization conditions of nucleic acids and protein-nucleic acid complexes. The highly effective sparse matrix screen is based upon extensive screening of the PDB, with focus on entries by structural genomic initiatives, the BMCD and other protocols. Reported crystallization conditions for various RNAs, DNAs as well as protein-nucleic acid complexes were compiled and analyzed for rate of recurrence.

**Content:**

Set of JBScreen Nuc-Pro 1 - 4, each containing 24 tubes in 10 ml bulk format with conditions covering a variety of polymers, mono- and divalent metal ions, organics, alcohols and buffers of a pH range from 4,0 to 8,5. The classification of the reagents into individual kits is based upon the main precipitant, i.e. various molecular weight PEGs, Salts, alcohols (MPD and 2-Propanol).

The exact composition of each buffer is listed under the links "Screen Formulation".

All solutions are sterile filtered (0.2 µm), filled under sterile conditions and contain 0.1% ProClin™ 950 as preservative to prevent the growth of microbes. (ProClin is a trademark of LANXESS Corp.)

**Related Products:**

All solutions are available in customized formulations or larger quantities.