

**JBScreen Basic 1**

Cat. No.	Amount
CS-121	24 solutions (10 ml each)

For general laboratory use.

Shipping: shipped at ambient temperature

Storage Conditions: store at 8-10 °C

Shelf Life: 12 months

Description:

Despite intensive research, the crystallization of biological macromolecules remains a process of trial and error. Nucleation and crystal growth are influenced by the interaction of many variables, such as temperature, pH, precipitant and salt concentration.

Testing all possible combinations would be too time consuming and would require enormous amounts of sample. One approach to find suitable crystallization conditions is the sparse-matrix method. This method involves screening with an intentional bias towards conditions which have been proven successful in the crystallization of biological macromolecules.

Content:

Set of 24 tubes in 10 ml bulk format with unique reagent mixtures for screening a wide range of pH and various salts and precipitants.

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.