

JBScreen: Crystallization Screening of Biological Macromolecules

An efficient and flexible crystallization screening system for proteins, peptides, nucleic acids, macromolecular complexes and water-soluble small molecules:



Produced from an extensive data mining effort covering thousands of crystallization conditions from the Biological Macromolecule Crystallization Database⁽¹⁾.

Contains the most successful macromolecular crystallization conditions obtained over the last 50+ years.

Comprises 10 screening kits covering 240 conditions. Individual kits represent specific precipitant classes organized by precipitant type and concentration.

Broad coverage of crystallization space and proven formulations make JBScreen the top choice for crystallographers worldwide.

(1) Gilliland *et al.* (2002) The Biological Macromolecule Crystallization Database: crystallization procedures and strategies. *Acta Cryst.* **D58 (6-1)**:916.

Quality, Flexibility, Performance and Price

Our high quality crystal screens...



**JBScreen
bulk**



**JBScreen
HTS**

Kit	Primary Precipitant
JBScreen 1	PEG 400 to 3000
JBScreen 2	PEG 4000
JBScreen 3	PEG 4000 plus
JBScreen 4	PEG 5000 MME to 8000
JBScreen 5	PEG 8000 to 20000
JBScreen 6	Ammonium sulfate
JBScreen 7	MPD
JBScreen 8	MPD/Alcohol
JBScreen 9	Alcohol/Salt
JBScreen 10	Salt

...bring out the best in your project.

- The largest, most extensive crystallization screen on the market
- Rational zone-organized layout of crystallization conditions
- Potent formulations based on decades of empirical data
- Two formats to satisfy all applications
 - bulk: 24x10 ml volumes
 - HTS: 2x96-well masterblocks for high-throughput applications
- Unbeatable prices!

Please contact us at xtals@jenabioscience.com

JBScreen in the Literature - Part I

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JBScreen in the Literature - Part II

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