

TRIANA U Tube®

FOR CRYSTALLIZATION IN GELS

Crystallization in gels has been used for years to perform experiments by counter-diffusion of two reacting solutions A and B that mix to form an insoluble compound to be crystallized. The use of gels prevents



convection and sedimentation and therefore the reacting solutions diffuse one against the other to slowly create a supersaturated solution of the insoluble compound that favor the formation of crystals. Because the diffusive pattern, the counter-diffusion technique screen a large variation of A/B ratio thus exploring polymorph formation, solid solutions and other crystalline pattern such as the beautiful banded structures studied by R.E. Liesegang.

Triana Science & Technology offers Triana U-tubes made of glass to perform these experiments. The Triana U-tubes are available with different internal diameter and different diffusion path length.

Triana Science & Technology offers this product in packages of 5 units, containing 5 Triana U Tubes, 1 stick to remove the gels and 20 septa or stoppers.

Reference	Units per pack	ID (mm)	Diffusion
UT-5-4	5	4	
UT-5-7	5	7	
UT-5-10	5	10	

Triana Science & Technology also offers this product in packages of 10 units, containing 10 Triana U-tubes plus one stick to remove the gels and 40 septa or stoppers.

Reference	Units per pack	ID (mm)
UT-10-4	10	4
UT-10-7	10	7
UT-10-10	10	10

User guide of **TRIANA U Tube®** : 

To make an order, just send us an email to [triana@trianatech.com](mailto: triana@trianatech.com) with a list of the required products and services you need or from the menu "orders"

