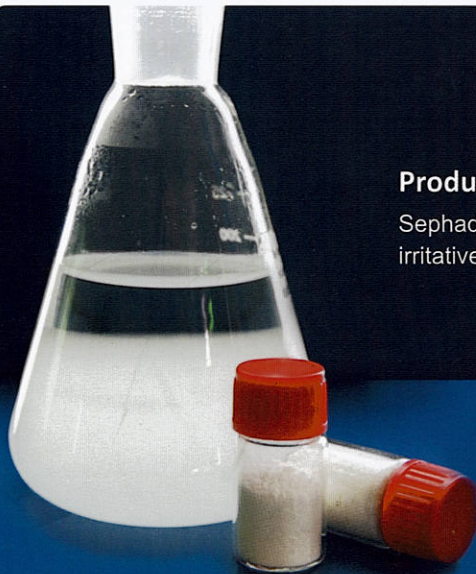


# Sephadex



## Product description

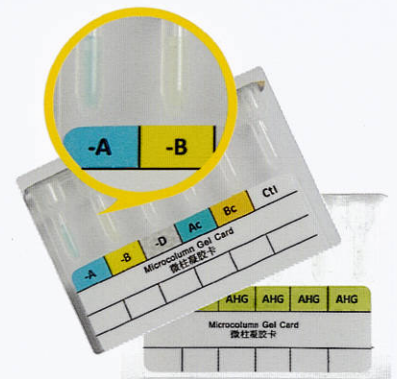
Sephadex is one kind of micron size, colorless translucent beaded hydrogel with no irritative odor and visible impurity and soaked with neutral preservation solution.

Model No.:  
Y-50、Y-70、Y-80、Y-200

Packing specification:  
1L/Bottle

## Application

- ◆ Blood group serology test in gel technique, such as blood grouping, crossmatch tests, coombs test, etc.
- ◆ Desalination of protein, nucleic acid, polysaccharids and other macromolecular substances.
- ◆ Separation and purification of protein, polysaccharide, nucleic acids, amino acid, polypeptide, aliphatic compound, aliphatic acids, glycerolipid, steroid, vitamin and other material with different molecular weight.
- ◆ To detect the molecular weight of macromolecular materials.
- ◆ The concentration of polymer solution.



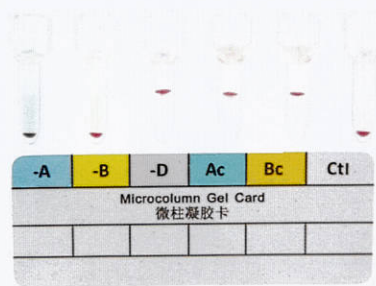
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## Product Characteristics

- ◆ It is hydrosol (the volume ratio of gel and preservation solution is 7:3), not swelling and ready to use.
- ◆ The particle size and distribution of the gel are controllable, customization are acceptable.
- ◆ The microspheres of the gel have surface modification treatment, it will promote the specific reaction of the blood group antigen and antibody.
- ◆ Good mechanical strength, no interference of the splits.
- ◆ Have supporting buffer to optimize the reaction.



\* Improve have mastered the technique to control the particle size and distribution of the gel, can accept customization.



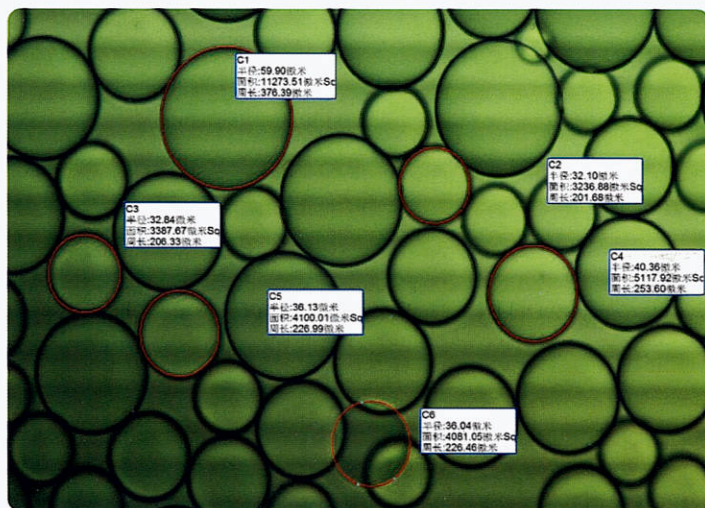
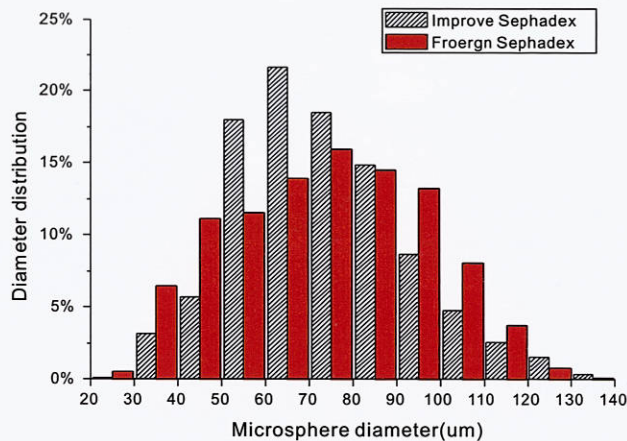
### Improve Sephadex for blood grouping cards

Model No.	Average particle size ( $\mu\text{m}$ )	Distribution ( $\mu\text{m}$ )	Recommended centrifuge
Y-50	40-70	25-105	70×g 2min+200×g 5min
Y-70	60-90	40-120	85×g(990rpm)10min
Y-80	70-100	50-150	70×g 2min+200×g 3min

The distribution comparison chart of Improve's gel and other foreign gel

	Brand	
	Improve Sephadex	Foreign Sephadex
N total	1144	806
Mean	74.33	72.94
Standard Deviation	18.43	22.48
Sum	85037.6	58787.18
Minimum	39.82	25.34
Median	71.25	73.39
Maximum	132.92	123.56

\*Different statistical methods maybe will cause a certain error.



Microscope photograph of Improve Sephadex



ISO9001:2015 CERTIFICATE