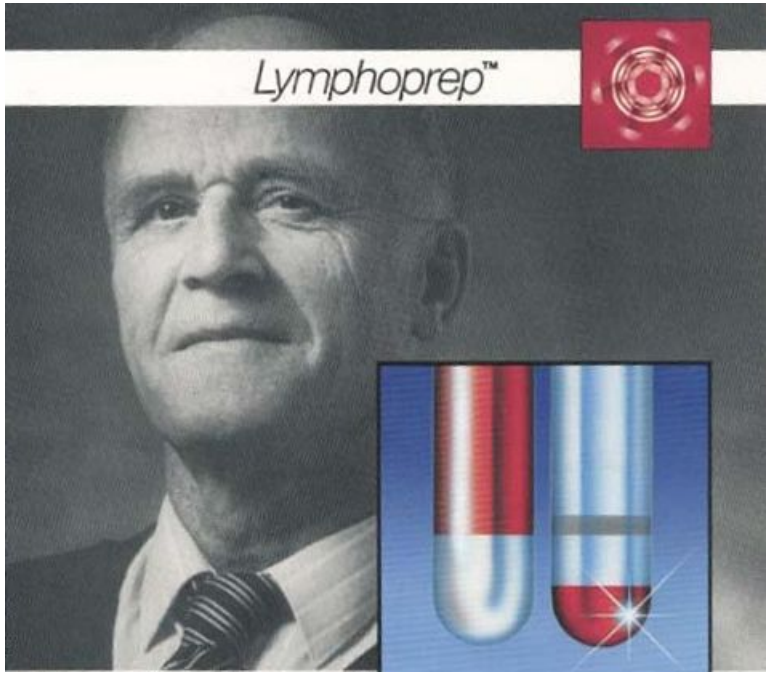
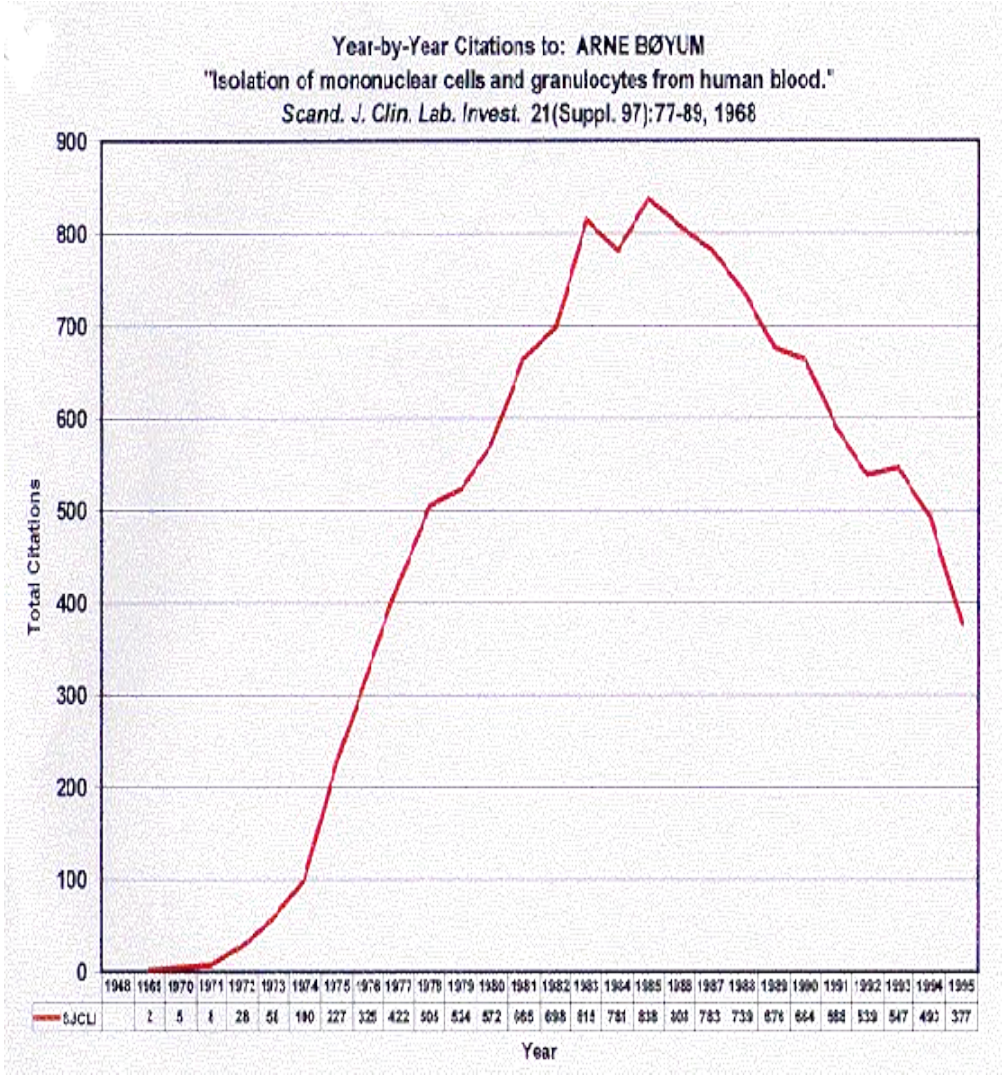
Автор метода выделения и разделения лейкоцитов периферической крови человека в градиенте плотности





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Establishment
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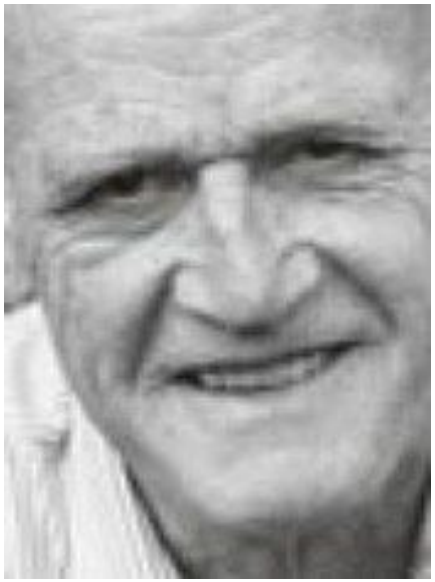
Метод выделения и разделения лейкоцитов периферической крови в градиенте плотности фиколл-гипак (фиколл-дитриазоат натрия, d=1,077 г/см^3)



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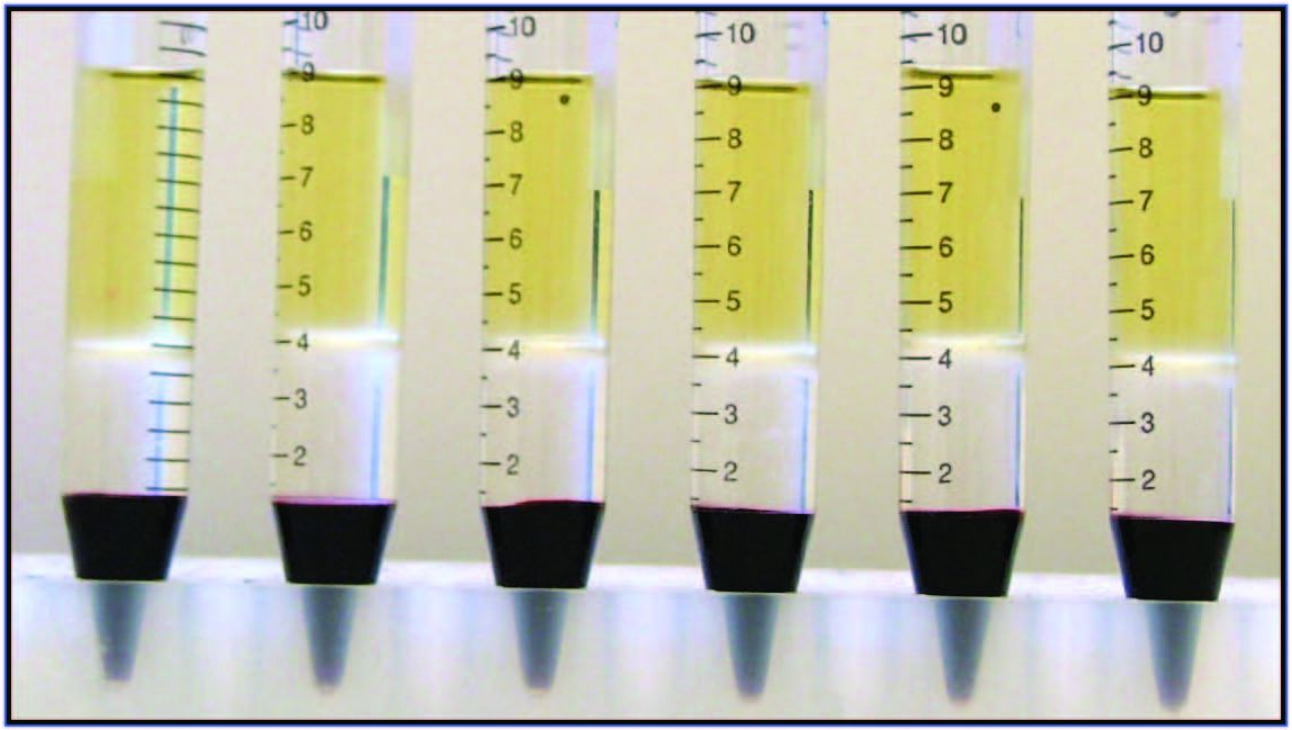


Figure 2: *Purification of human PBMCs from six donors on Lymphoprep™*

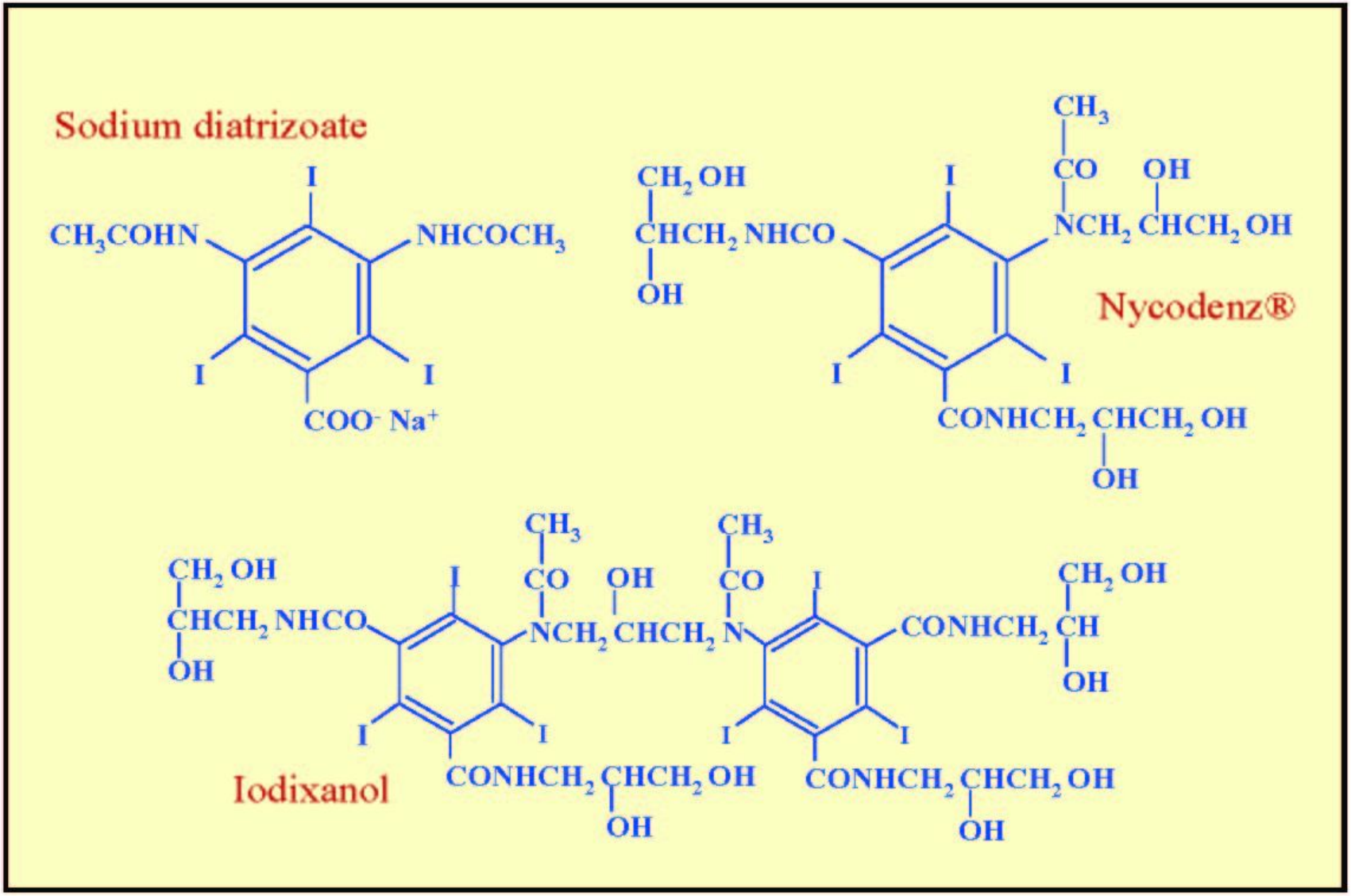
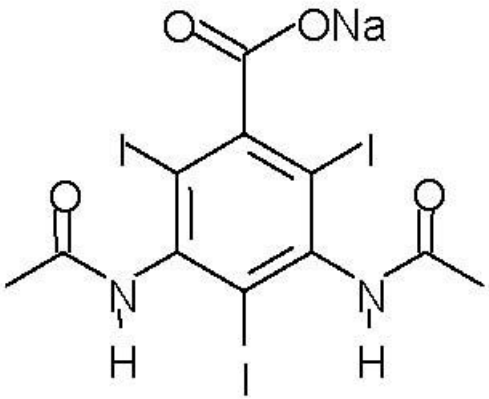


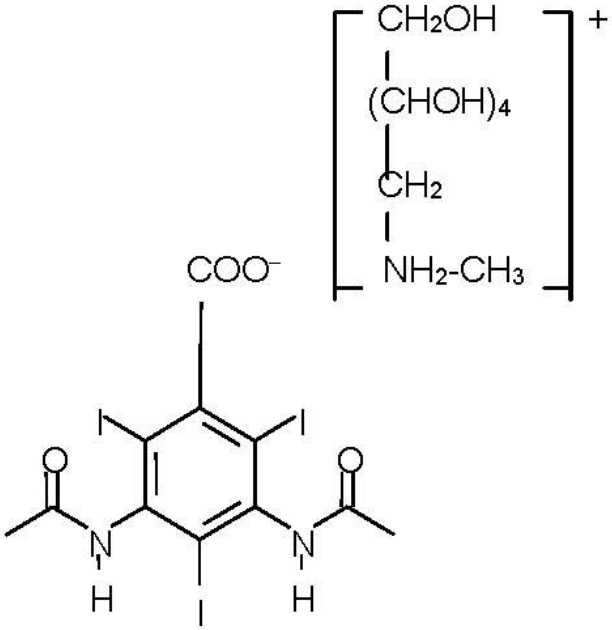
Figure 1: *Molecular structure of iodinated density gradient media*

Верографин 76% СПОФА (Прага)

Смесь N-метил-D-глюкаминовой и натриевой солей диатриазоевой кислоты (3,5-бис-(ацетиламино)-2,4,6-трийодбензойной кислоты) (86,85:13,15%) в ампулах по 20 мл для инъекций. Аналог верографина - 76% раствор урографина выпускается Байер Шеринг Фарма АГ (Германия D-13342 Берлин).

Натрия диатриазоат





Меглюмин диатриазоат

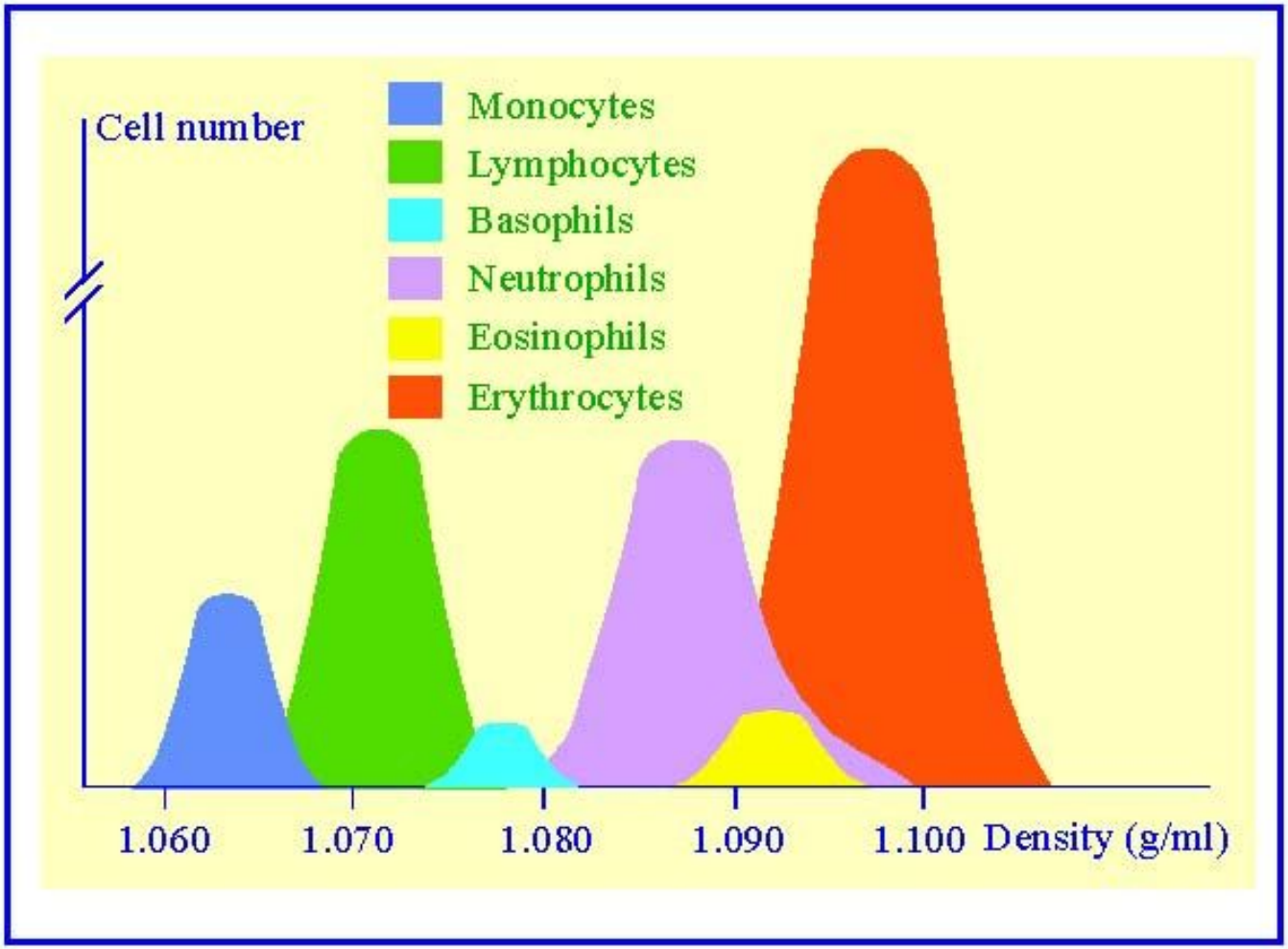


FIGURE 1. Density of human blood cells.

Lympholyte® Cell Separation Media

CEDARLANE® has specifically designed cell separation centrifugation media for the isolation of viable lymphocytes from mouse, rat, rabbit, human and other mammalian cell populations. All products are supplied as sterile liquid with varying densities.

Applications for **Lympholyte**® include:

- isolation of viable lymphocytes from lymphoid organs (particularly spleen) by removal of red cells and dead cells.
- removal of dead cells from lymphocyte suspensions; for example, after treatment with antibody plus complement, or following cell culture.
- **Lympholyte®-H** and **Lympholyte®-Mammal** are preferred for the isolation of viable lymphocytes from peripheral blood.

Product	Density (@ 25°C, g/ml)	Cat.#	Size	Main Application
Lympholyte®-M	1.0875 ± 0.001	**CL5030** **CL5031** **CL5035**	5x30ml 100ml 500ml	Isolation of viable MOUSE lymphocytes from lymphoid tissue. **Not recommended for mouse blood, see Lympholyte®-Mammal**
Lympholyte®-Rat	1.0940 ± 0.001	**CL5040** **CL5041** **CL5045**	5x30ml 100ml 500ml	Isolation of viable RAT lymphocytes from lymphoid tissue
Lympholyte®-H CE	1.0770 ± 0.001	**CL5010** **CL5015** **CL5016** **CL5020** **CL5026**	5x30ml 100ml 6x100ml 500ml 6x500ml	Isolation of viable HUMAN lymphocytes from peripheral blood The CE Mark indicates that CEDARLANE® Laboratories has met the registration requirements for the ***In Vitro Diagnostic Directive*** 98/79/EC.
Lympholyte®-Rabbit	1.0965 ± 0.001	**CL5050**	5x30ml	Isolation of viable RABBIT lymphocytes from lymphoid tissue
Lympholyte®-Mammal	1.0860 ± 0.001	**CL5110** **CL5115** **CL5120**	5x30ml 100ml 500ml	Isolation of viable lymphocytes from peripheral blood of most mammalian species
Lympholyte®-poly	1.113 ± 0.001	**CL5070** **CL5071**	100ml 250ml	Isolation of viable HUMAN polymorphonuclear cells
Lympholyte®-1.1	1.100 ± 0.001	**CL5095**	500ml	A high density Lympholyte® solution which can be diluted with PBS (without Ca^{2+}/Mg^{2+}). Isolation of pancreatic islet cells prior to expanding them *in vitro*
Metrizamide AG (Analytical Grade)	(powder)	**CL5080**	50g	Fractionation of nucleic acids, proteins, and polysaccharides; Separation of lysosomes from mitochondria and peroxisomes
Polysucrose 400	(powder) (powder)	**CL5401** **CL5405**	100g 500g	To prepare density gradient media for separation of different spleen, bone marrow and other tissues
Polysucrose 70	(powder) (powder)	**CL5701** **CL5705**	100g 500g	For cell isolation and animal perfusion

Please contact...

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