

Protein G Agarose

Product Details

Product Name: Recombinant Protein G Agarose

English name: Recombinant Protein G Sepharose, Recombinant Protein G NUPharose Fast Flow, rProtein G NUPharose FF.

Catalog number #1368

Specifications 10 ml

Transport 2 ~ 25°C, normal pressure, avoid light

Store 20% ethanol, 2 ~ 8°C

Shelf life 3 years

Matrix : 4% highly cross-linked agarose gel

Ligand : Recombinant Protein G

Ligand density : ≥6 mg/ml

Filler particle size : 60 ~ 180 µm

Maximum flow rate : 800 cm/h

Recommended flow rate : 20 ~ 100 cm/h

Working (cleaning) pH value : 2 ~ 9 (2 ~ 10)

Back pressure resistance : 0.3 MPa

Capacity : ≥40 mg/ml IgG

Technical index

Species	Antibody Class	Protein A	Protein G
Human	IgG1	+++	+++
	IgG2	+++	+++
	IgG3	+	+++
	IgG4	+++	+++
	IgM	+	-
	IgD	-	-
	IgA	+	-

	Fab	+	+
Mouse	IgG1	+	++
	IgG2a	+++	+++
	IgG2b	+++	+++
	IgG3	+++	+++
	IgM	-	-
Rat	IgG1	+	++
	IgG2a	-	+++
	IgG2b	-	+
	IgG2c	+++	+++
Cow	IgG1	+	+++
	IgG2	+++	+++
Goat	IgG1	+	+++
	IgG2	+++	+++
Horse	IgG(ab)	+	-
	IgG(c)	+	-
	IgG(T)	-	+++
Rabbit	IgG	+++	+++
Pig	IgG	+++	+
Dog	IgG	+++	+
Chicken	IgY	-	-

Note:-

means no combination;+ means weak combination;++ means medium combination;+++ means strong combination.