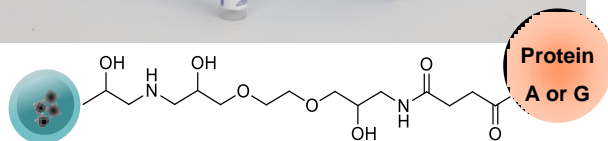
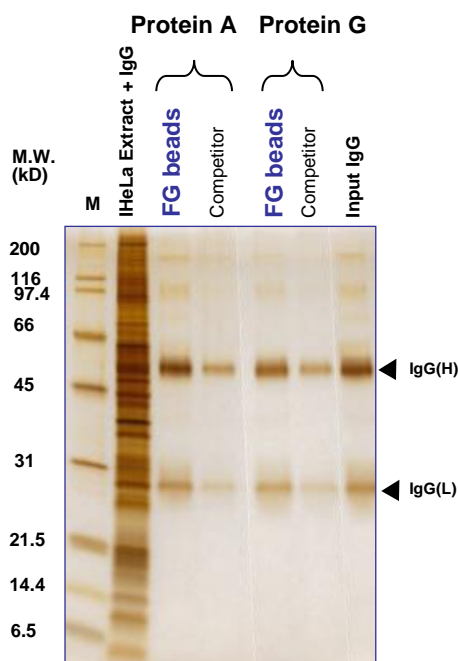


Protein A beads / Protein G beads



IgG Purification

We compared binding capacity of Protein A & G beads to capture IgG in HeLa cell extract with competitor. We confirmed FG beads have greater capacity to bind IgG.



- Added 33ug/mg of IgG into 6,000ug/mg of HeLa extract.
1. Add 0.3mg each beads in HeLa cell extracts
 2. React for 10mins, at 4° C.
 3. Separate beads from sample solution
 4. Elute bound IgG with beads by Glycine-HCl

Features

● High recovery

(IgG binding capacity - more than twice the amount of a competitor)

● High purity

(Extremely low non-specific adsorption)

● Quick processing

(30 minutes for IP)

Applications

● IgG purification

● Chromatin Immune Precipitation

(ChIP)

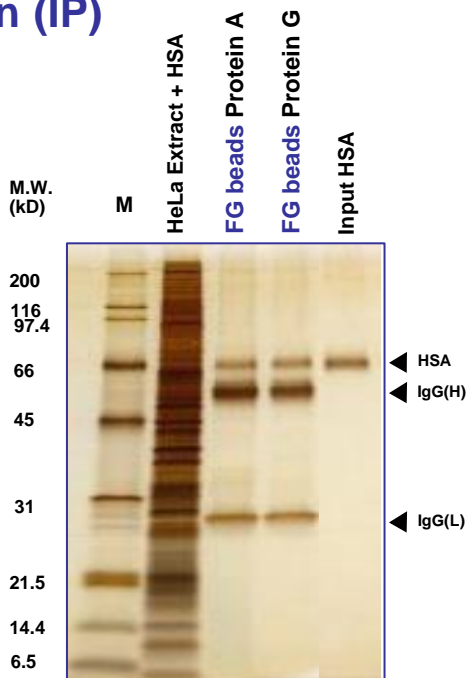
● Immunoprecipitation (IP)

● Protein separation

Immunoprecipitation (IP)

We checked the capacity of FG beads for immunoprecipitation (IP). FG beads are very suitable for immunoprecipitation with low non-specific binding.

1. Immobilized anti-HSA antibody to FG beads, use appropriate manner.
2. Added 12ug/mg of HSA (Human Serum Albumin) into 6,000ug/mg of HeLa extract.
3. Add 0.3mg each beads in HeLa cell extract.
4. Precipitation & beads separation process
5. Elute bound IgG by Glycine-HCl



Product name	Product number	Amount
Protein A beads	TAS8848N1172	5mg
		10mg
Protein G beads	TAS8848N1173	20mg