

# IVIg Therapies

Brand of IVIg	Gamunex	Flebogamma	Octagam	Gammagard Liquid	Gammagard S/D	Carimune NF	Vivaglobin
Manufacturer	Talecris Biotherapeutics	Grifols	Octapharma	Baxter	Baxter	ZLB Behring	ZLB Behring
Form	Liquid	Liquid	Liquid	Lyophilized Powder	Lyophilized Powder	Lyophilized Powder	Liquid
% Available	10	5	5	NA	NA	NA	16
Supply per vials (grams)	1, 2.5, 5, 10, 20	0.5, 2.5, 5, 10	1, 2.5, 5, 10	1, 2.5, 5, 10, 20	0.5, 2.5, 5, 10	3, 6, 12	0.48g/3ml, 1.6g/10ml, 3.2g/20ml
Max. Infusion Rate	0.08ml/kg/min (10% solution)	0.10ml/kg/min (5% solution)	< 0.07ml/kg/min or < 200mg/kg/hr	Start at 0.5ml/kg/hr to a max. rate of 5.0 ml/kg/hr	Start at 0.5ml/kg/hr to a max. rate of 4.0 ml/kg/hr in a 5% soln. 8.0 ml/kg/hr in a 10% soln.	< 2 mg/kg/min	Weekly doses of 100 - 200 mg/kg
IgA Content	46mcg/ml	< 50 mcg/ml	< 100 mcg/ml	< 37 mcg/ml	< 2.2 mcg/ml (5% soln.)	**Traces	1700 mcg/ml
IgG Content	> 98%	> 99%	> 99%	> 90%	> 98%	> 96%	> 96%
Sugar Content	None	50mg/ml D-sorbitol	100mg/ml Maltose	None	20mg/ml Glucose (5%)	1.67 gm Sucrose per gm of protein	None
pH	4-4.5	5.0 - 6.0	5.1 - 6.0	4.6 - 5.1	6.8 +/- 0.4	6.6 +/- 0.2	6.4 - 7.2
Osmolarity (wt)	258 mOsm/kg	240 - 350 mOsm/kg		240 - 300 mOsm/kg			440mOsm/kg
Osmolality (volume)			310 - 380mOsm/L		5% = 636 mOsm/L 10% = 1250 mOsm/L	6% = 690 mOsm/L in 0.9% NaCl and 384 mOsm/L in SWFI	
NaCl content	*Trace	< 3.2mEq/L	< 30 mmol/L	None Detectable	8.5mg/ml	< 20mg/gm of protein	3 mg/ml
Half-life	35 days	30 - 45 days	40 days	35 days	37.7 +/- 15 days	23 days	Not studied
Storage	Refrigeration	Room Temperature	Room Temperature	Room Temperature or Refrigeration	Room Temperature or Refrigeration	Room Temperature	Refrigeration
Shelf-life	36 months refrigeration or 6 months room temp.	24 months	18 months room temp. or 24 months refrigeration	36 months or 9 months room temp.	24 months	30 months	24 months

\*Talecris Medical Affairs Department states that Gamunex "Trace IgA" equals 46mcg/ml and that "Trace NaCl" equals a 40mEq/L concentration of a mixture of NaCl and Na Acetate.

\*\* ZLB Behring Medical Affairs Department states that Carimune NF "Traces IgA" equals <720mcg/kg

NOTE: This summary was prepared for use as a general educational tool, and is not intended for use as a clinical guideline. This information was obtained from a combination of manufacturer sources for the products listed herein; including product package inserts, promotional materials, as well as discussions with various medical affairs professionals. Please call MedPro Rx, Inc. at (888) 571-3100 for assistance in obtaining a copy of the package insert for any of the marketed products on this chart. July, 2006