



**CT International**  
**Pharmaceutical Products**



**PLASMA**

**DERIVATIVES**



**AND**

**SPECIALTY**

**PRODUCTS**



# CT International Pharmaceutical Products



## Table of Contents

Prebook Request .....	1
At a Glance .....	2
Immune Globulin .....	3
Albumin .....	4
IVIG Comparison Chart .....	5-6
Antihemophilic Products .....	7-9
Hyper-Immunes .....	10
Vaccines .....	11
USP <797> Product List .....	12

**CSL Behring**  
Biotherapies for Life™

**CureSearch**  
National Childhood Cancer Foundation

**NCPD** National  
Coalition of  
Pharmaceutical  
Distributors



At point of sale we accept  
Visa and MasterCard for easy payment



### Our Terms

1. All invoices are net 15 days.
2. Freight - F.O.B. our warehouse, San Luis Obispo, CA 93401.
3. Discrepancies in receipts ( i.e. quantity received) must be reported within 72 hours of receipt.
4. Interest charge - An interest charge of 1.5% per month will be applied to all past due balances or the maximum rate allowed in customer's state of residence, whichever is less; and further agrees to pay reasonable attorney's fees and costs if collection is required. Acceptance of goods will be delivered to be acceptance of such terms and conditions.
5. Prices subject to change without notice.

### Return Policy

1. All Pharmaceutical Products are non-returnable

**Phone Toll Free 800-755-7575**

Phone 805-544-5572 Fax 805-544-5796 [www.ctint.org](http://www.ctint.org)

4340 Old Santa Fe Road San Luis Obispo, CA 93401

# IMMUNE GLOBULIN (IVIG)

3

PRODUCT

SIZE

NDC#

MANUFACTURER

## IVIG Lyophilized

Carimune NF	3gm	44206-0416-03	CSL Behring
Carimune NF	6gm	44206-0417-06	CSL Behring
Carimune NF	12gm	44206-0417-12	CSL Behring
Gammagard SD	2.5gm	00944-2620-02	Baxter
Gammagard SD	5gm	00944-2620-03	Baxter
Gammagard SD	10gm	00944-2620-04	Baxter

## IVIG Liquid

Flebogamma	2.5gm	61953-003-02	Grifols
Flebogamma	5gm	61953-003-03	Grifols
Flebogamma	10gm	61953-003-04	Grifols
Flebogamma DIF	2.5gm	61953-004-02	Grifols
Flebogamma DIF	5gm	61953-004-03	Grifols
Flebogamma DIF	10gm	61953-004-04	Grifols
Flebogamma DIF	20gm	61953-004-05	Grifols
Gammagard 10%	2.5gm	00944-2700-03	Baxter
Gammagard 10%	5gm	00944-2700-04	Baxter
Gammagard 10%	10gm	00944-2700-05	Baxter
Gammagard 10%	20gm	00944-2700-06	Baxter
Gamunex 10%	1gm	13533-0645-12	Talecris
Gamunex 10%	2.5gm	13533-0645-15	Talecris
Gamunex 10%	5gm	13533-0645-20	Talecris
Gamunex 10%	10gm	13533-0645-71	Talecris
Gamunex 10%	20gm	13533-0645-24	Talecris
Octagam 10%	1gm	67467-843-01	Octapharma
Octagam 10%	2.5gm	67467-843-02	Octapharma
Octagam 10%	5gm	67467-843-03	Octapharma
Octagam 10%	10gm	67467-843-04	Octapharma
Privigen 10%	5gm	44206-0436-05	CSL Behring
Privigen 10%	10gm	44206-0437-10	CSL Behring
Privigen 10%	20gm	44206-0438-20	CSL Behring

## Hyper-Immunes Intramuscular

GamaSTAN S/D	2ml	13533-0635-04	Talecris
--------------	-----	---------------	----------

PRODUCT

SIZE

NDC#

MANUFACTURER

**Albumin 25%**

Albuminar	25% 50ml	0053-7680-32	CSL Behring
Albuminar	25% 100ml	0053-7680-33	CSL Behring
AlbuRx	25% 50ml	44206-251-05	CSL Behring
AlbuRx	25% 100ml	44206-251-10	CSL Behring
Albutein	25% 50ml	61953-0002-01	Grifols
Albutein	25% 100ml	61953-0002-02	Grifols
Buminate	25% 50ml	00944-0491-01	Baxter
Buminate	25% 100ml	00944-0491-02	Baxter
Flexbumin	25% 50ml	00944-0493-01	Baxter
Flexbumin	25% 100ml	00944-0493-02	Baxter
Plasbumin	25% 20ml	13533-0692-16	Talecris
Plasbumin	25% 50ml	13533-0692-20	Talecris
Plasbumin	25% 100ml	13533-0692-71	Talecris

**Albumin 5%**

AlbuRx	5% 250ml	44206-310-25	CSL Behring
Albutein	5% 500ml	414206-310-50	CSL Behring
Albutein	5% 250ml	68516-5211-01	Grifols
Albutein	5% 500ml	68516-5211-02	Grifols
Buminate	5% 500ml	00944-0490-01	Baxter
Buminate	5% 250ml	00944-0491-01	Baxter
Buminate	5% 500ml	00944-0490-02	Baxter
Plasbumin	5% 50ml	13533-0690-20	Talecris
Plasbumin	5% 500ml	13533-0690-25	Talecris

**PPF 5%**

Plasmanate	5% 50ml	13533-0613-20	Talecris
Plasmanate	5% 250ml	13533-0613-25	Talecris

Characteristics of Available Immune Globulin Products Licensed for Use in the UNITED STATES

BRAND NAME	Gammagard S/D		Gammagard Liquid	Carimune NF	Vivaglobin	Privigen	Flebogamma 5%	Flebogamma 5% DIF	Octagam	Gamunex
	5%	10%								
MANUFACTURER	Baxter Corporation/BioScience Division		Baxter Corporation/BioScience Division	CSL Behring	CSL Behring	CSL Behring	Grifols	Grifols	Octapharma	Talecris
METHOD OF PRODUCTION (Including Viral Inactivation)	Cohn-Oncley fractionation, ultra-filtration, ion-exchange chromatography, solvent detergent treatment		Cohn-Oncley fractionation, solvent/detergent treatment, ANX chromatography, 35nm nanofiltration, low pH/elevated temperature incubation	Kistler Nitschmann fractionation, pH 4.0, trace pepsin, nanofiltration	Cold alcohol fractionation, ethanol-fatty alcohol/pH precipitation, pasteurization, diafiltered and ultrafiltered	Octanoic Acid Fractionation, CH9 Filtration, pH 4.0 incubation, Depth filtration, Chromatography, Nanofiltration	Cold alcohol fractionation, polyethylene glycol precipitation, ion exchange chromatography, pasteurization (60° C for 10 hours) and 8% PEG precipitation	Cold alcohol fractionation, polyethylene glycol precipitation, ion exchange chromatography, pH 4 treatment (4 hours at 37° C), pasteurization (60° C for 10 hours), solvent detergent treatment, and double sequential nanofiltration through 35 and 20 nm filters.	Cohn-Oncley cold ethanol fractionation, ultra-filtration, chromatography, solvent detergent treatment	Cohn-Oncley fractionation, caprylate/chromatography purification, cloth and depth filtration, final container low pH incubation
FORM	Lyophilized		Liquid	Lyophilized	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
SHELF-LIFE	24 Months		36 Months	24 Months	24 Months	24 Months (room temperature storage)	24 Months (room temperature storage)	24 Months (room temperature storage)	24 Months	36 Months
RECONSTITUTION TIME	<5 minutes at room temperature >20 minutes if cold		None (Liquid Solution)	Several Minutes	None (Liquid Solution)	None (Liquid Solution)	None (Liquid Solution)	None (Liquid Solution)	None (Liquid Solution)	None (Liquid Solution)
AVAILABLE CONCENTRATIONS	5%	10%	10%	3 to 12%	16% (160 mg protein/ per ml)	10%	5%	5%	5%	10%
MAXIMUM RECOMMENDED INFUSION RATE	4 mL/ kg/hour	8 mL/ kg/hour	5 mL/kg/hour	>2.5 mL/kg/hour	20 mL per hour	4.8mL/kg/hour	6.0 mL/kg/hour	6.0 mL/kg/hour	<4.2 mL/kg/hour	4.8 mL/kg/hour
<sup>1</sup> TIME TO INFUSE 35 gms	2.5 hours	0.6 hours	1 hour	<3.3 hours (6% Solution)	<sup>2</sup> Time will vary depending upon volume & tolerability	63 minutes	1.6 hours	1.6 hours	2.5 hours	1.0 hours
SUGAR CONTENT	20 mg/ml. glucose	40 mg/ml. glucose	No added sugars	1.67 gm sucrose per gram of protein	None	None	5% D-sorbitol (polyol)	5% D-sorbitol (polyol)	100 mg/ml. maltose	None
SODIUM CONTENT	8.5 mg/mL sodium chloride	17 mg/mL sodium chloride	No added sodium	<20 mg sodium chloride per gram of protein	3 mg/mL	Trace Amounts	<3.2 mmol/L	< 3.2 mmol/L	≤30 mMol/L	Trace Amounts
OSMOLARITY/ OSMOLALITY	636 mOsm/L	1250 mOsm/L	240 - 300 mOsm/kg	192 - 1074 mOsm/kg	445 mOsm/kg	isotonic (320 mOsmol/kg)	240-350 mOsm/kg	240-370 mOsm/kg	310 - 380 mOsm/kg	258 mOsm/kg
PH	6.4 – 7.2		4.6 – 5.1	6.4 – 6.8	6.4 – 7.2	4.8	5.0 – 6.0	5.0 – 6.0	5.1 – 6.0	4.0 – 4.5
IgA CONTENT	< 2.2 µg/mL in a 5% solution		37 µg/mL	720 µg/mL	<1700 µg/mL	< or = 25mcg/mL	< 50 µg/mL	Average: < 3 mcg/mL (Specification value: < 50 mcg/mL)	<100 µg/mL	46 µg/mL
APPROVED METHOD OF ADMINISTRATION	Intravenous		Intravenous	Intravenous	Subcutaneous	Intravenous	Intravenous	Intravenous	Intravenous	Intravenous

<sup>1</sup>0.5 gm/kg for a 70 kg adult = 35 gms; 5% Concentrations: 1g = 20 mL; 10% Concentrations: 1g = 10 mL.

<sup>2</sup>Time will vary depending upon volume and tolerability. Using 35 grams as monthly dose, calculate weekly dose=8.75 grams=55 mL. infused into 4 sites @ rate up to 20cc/hr/site, which can range from 45 mins. To 3 hrs.

The time to infuse is based on the maximal infusion rate. Check product label for storage temperatures, which vary among Immunoglobulin brands. Check package insert for detailed prescribing information.

Table updated August 2008.

PRODUCT

SIZE

NDC#

MANUFACTURER

## Factor VIIa (Recombinant)

Novoseven	1000 mcg	0169-7010-01	NOVO
Novoseven	2000 mcg	0169-7020-01	NOVO
Novoseven	5000 mcg	0169-7050-01	NOVO

## Factor VIII (Recombinant)

Helixate FS	250 iu	0053-8130-01	CSL-Behring
Helixate FS	500 iu	0053-8130-02	CSL-Behring
Helixate FS	1000 iu	0053-8130-04	CSL-Behring
Helixate FS	2000 iu	0053-8130-05	CSL-Behring
Kogenate FS	250 iu	0026-0372-20	Bayer
Kogenate FS	500 iu	0026-0372-30	Bayer
Kogenate FS	1000 iu	0026-0372-50	Bayer
Kogenate FS	2000 iu	0026-3786-60	Bayer
Kogenate FS w Bio-Set	250 iu	0026-0379-20	Bayer
Kogenate FS w Bio-Set	500 iu	0026-0379-30	Bayer
Kogenate FS w Bio-Set	1000 iu	0026-0379-50	Bayer
Kogenate FS w Bio-Set	2000 iu	0026-3796-60	Bayer
Recombinate rAHF	220-400 iu	00944-2938-01	Baxter
Recombinate rAHF	401-800 iu	00944-2938-02	Baxter
Recombinate rAHF	801-1240 iu	00944-2938-03	Baxter
Refacto	250 iu	58394-007-02	Wyeth
Refacto	500 iu	58394-006-02	Wyeth
Refacto	1000 iu	58394-005-02	Wyeth



PRODUCT	SIZE	NDC#	MANUFACTURER
<b>Factor VIII (Immunoaffinity Purified. Derived from Human Plasma)</b>			
Alphanate SD	500 iu	49669-4500-01	GFS
Alphanate SD	1000 iu	49669-4500-02	GFS
Humate P	250 RCoF	0053-7605-01	CSL-Behring
Humate P	500 RCoF	0053-7605-02	CSL-Behring
Humate P	1000 RCoF	0053-7605-04	CSL-Behring
Koate-DVI SD	250 iu	13533-0665-20	Talecris
Koate-DVI SD	500 iu	13533-0665-30	Talecris
Koate-DVI SD	1000 iu	13533-0665-50	Talecris
<b>Factor IX (Recombinant)</b>			
Benefix	250 iu	58394-003-01	Wyeth
Benefix	500 iu	58394-002-01	Wyeth
Benefix	1000 iu	58394-001-01	Wyeth
Benefix	1000 iu	58394-0001-06	Wyeth
Benefix	2000 iu	58394-0008-02	Wyeth
Benefix	500 iu	58394-0002-06	Wyeth
Benefix	250 iu	58394-0003-06	Wyeth
<b>Factor IX (High Purity)</b>			
Alphanine SD	500 iu	49669-3800-02	GFS
Alphanine SD	1000 iu	49669-3800-01	GFS
Mononine	250 iu	0053-7668-01	CSL-Behring
Mononine	500 iu	0053-7668-02	CSL-Behring
Mononine	1000 iu	0053-7668-04	CSL-Behring
Bebulin VH Immuno 20ml	500-700 iu	64193-0244-02	Baxter
Profilnine	500 iu	68516-3200-03	GFS
ProPlex-T 30ml	700-3900 iu	00944-0581-01	Baxter
Feiba VH Immuno 20ml	400-650 iu	64193-0222-03	Baxter
Feiba VH Immuno 20ml	651-1200 iu	64193-0222-04	Baxter
Feiba VH Immuno 50ml	1750-3250 iu	64193-0222-05	Baxter
Auto Plex-T	All	59730-6059-7	Baxter
Thrombate III	500 iu	13533-0603-20	Talecris
Thrombate III	1000 iu	13533-0603-30	Talecris
Stimate Nasal Spray	2.5 ml	0053-2453-00	CSL-Behring



PRODUCT	SIZE	NDC#	MANUFACTURER
<b>(Flu)</b>			
Afluria syringe	.5 ml PF 10pk syr.	33332-007-01	CSL Behring
Fluvirin (10 dose vial)	5 ml mdv	66521-0110-10	Novartis
FluLaval (10dose vial)	5 ml mdv	19515-883-07	Glaxo Smith Kline
FluMist	0.2 ml spray		Medimmune
Tamiflu	12mg/ml sus 25ml	00004-0810-95	Roche
Tamiflu	75mg b/pk cap 10/bx	00004-0800-85	Roche
<b>(Haemophilus Influenza B)</b>			
ActHIB <sup>®</sup>		49281-545-05	Sanofi Pasteur
TriHIBit <sup>®</sup>	5x1 mdv	49281-597-05	Sanofi Pasteur
<b>(Japanese Encephalitis)</b>			
JE-VAX <sup>®</sup>	3x1 w/diluent	49281-680-30	Sanofi Pasteur
<b>(Meningitis)</b>			
Menactra <sup>®</sup> S/D		49281-589-01	Sanofi Pasteur
Menactra <sup>®</sup> S/D		49281-589-05	Sanofi Pasteur
<b>(Polio)</b>			
IPOL <sup>®</sup>	10x1 mdv	49281-860-10	Sanofi Pasteur
<b>(Rabies)</b>			
Imovax <sup>®</sup> Rabies	1 ml	49281-250-10	Sanofi Pasteur
<b>(Tetanus Daptacel<sup>®</sup>)</b>			
Daptacel <sup>®</sup>	10x1 mdv	49281-286-10	Sanofi Pasteur
DECAVAC	10x1 ud	49281-291-10	Sanofi Pasteur
Tet Dip Toxoid	7.5 ml	14362-0111-01	MBL
DT	10x1 mdv	49281-278-10	Sanofi Pasteur
Tetanus Toxoid Ad	10x1 mdv	49281-800-83	Sanofi Pasteur
Tetanus Toxoid PI	7.5 ml	49281-812-84	Sanofi Pasteur
Tripedia <sup>®</sup> S/D		49281-298-10	Sanofi Pasteur
<b>(Tuberculosis)</b>			
TheraCys <sup>®</sup> S/D	w/ diluent	49281-880-01	Sanofi Pasteur
Tubersol <sup>®</sup>	5 TU 10	49281-752-21	Sanofi Pasteur
Tubersol <sup>®</sup>	5 TU 50	49281-752-22	Sanofi Pasteur
<b>(Typhoid)</b>			
TYPHIM Vi <sup>®</sup> S/D	.05 ml	49281-790-51	Sanofi Pasteur
TYPHIM Vi <sup>®</sup>	20x1 mdv	49281-790-20	Sanofi Pasteur

CTI Item #	Description	Case Qty
BER-121220	Bluesorb® 750-12"x12"	150 sheets / pack 20 packs / case
BER-090920	Durx® 670-9"x 9"	300 sheets / pack 20 packs / case
<b>Sterile Pre-Saturated Wipers</b>		
BER-67ST60	Gamma wipe® 67-12"x12"	5 sheets / pack 10 packs / packet 60 packs / case
BER-000312	Satpax® 70/30 9"x 9" 1200 Sterile 70/30 IPA/DI H2O 15% Water	30 sheets / pack 12 packs / case
<b>Flat Mop System</b>		
BER-MOP21	BCR® Large Mop Head Frame W / Spring	1qty / case
BER-T2HAN	Telescoping Aluminum Handle	1qty / case
BER-LFMC24	Large Foam Mop Cover BCR Flat Mop Wipe	24 / case
BER-082410	Durx® Dry 670 8" x 24" Satpax® 670	100 sheets / pack 10 packs / case 25 sheets / pack
BER-M00412	70//30 9"x 23" IPA/DI H2O	10 packs per case
<b>Easy Clean™ Isolator Cleaning System</b>		
BER-EC3601	EasyClean 360 ICT (Isolator Cleaning Tool) EasyClean 360 Padded	1 mop/case 2 handles - 14" (36cm) & 24" (61cm) 25 covers/pack
BER-360PAD	Mop Head Cover EasyClean 360 Elastic	6 packs/case 25 elastic covers/pack
BER-360EC6	Mop Head Covers	1 padded cover/pack 6 packs/case
BER-360CST	EasyClean Sterile Elastic Mop Head Covers	10 elastic covers/sterile header bag 1 padded cover/sterile header bag 4 packs/cracker pack 5 cracker packs/case

# What is your distributor doing for you?

---



In today's market just being a distributor is not enough. At CT International, our responsibility goes beyond that of providing product at the best possible price. It's about providing critical information that allows our clients to make more educated buying decisions, thus saving valuable time and money.

At CT International, our customers' needs come first! Our goal is to make certain that each customer receives exceptional service on each and every transaction.

# Is your distributor serious about your business?

---

- Serving the Health Care Community for Over 20 years
- Authorized Distributor for Leading Manufacturers
- A Reliable and Responsible Distribution Partner
- Verified Pedigree
- Customer Service Hot Line 24/7
- Knowledgeable and Friendly Staff
- Logistic Solutions to meet Inventory Management Challenges

- 
- |               |               |                        |
|---------------|---------------|------------------------|
| - IVIG        | - Albumin     | - Factor Products      |
| - Biologicals | - Injectables | - Hyperimmunes         |
| - Vaccines    | - USP <797>   | - National Back Orders |
- 



For more information visit our website [www.ctint.org](http://www.ctint.org)  
Or call Toll Free: 800-755-7575 Fax 805-544-5796



# CT International

## Pharmaceutical Products



- **FAST FRIENDLY SERVICE**
- **CONTRACT PRICING**
- **PROMPT DELIVERY**
- **HELPING YOU 24/7**
- **CHANNEL INTEGRITY YOU CAN COUNT ON**

