#### §610.50

recipient, pursuant to \$606.160 of this chapter.

(c) Notification to legal representative or relative. If the transfusion recipient has been adjudged incompetent by a State court, the transfusion service or physician must notify a legal representative designated in accordance with State law. If the transfusion recipient is competent, but State law permits a legal representative or relative to receive the information on the recipient's behalf, the transfusion service or physician must notify the recipient or his or her legal representative or relative. If the transfusion recipient is deceased, the transfusion service or physician must continue the notification process and inform the deceased recipient's legal representative or relative. Reasons for notifying the recipient's relative or legal representative on his or her behalf shall be documented pursuant to §606.160 of this chapter.

[61 FR 47423, Sept. 9, 1996]

### Subpart F—Dating Period Limitations

## $\S 610.50$ Date of manufacture.

The date of manufacture shall be determined as follows:

- (a) For products for which an official standard of potency is prescribed in either §610.20 or §610.21, or which are subject to official potency tests, the date of initiation by the manufacturer of the last valid potency test.
- (b) For products that are not subject to official potency tests, (1) the date of removal from animals, (2) the date of extraction, (3) the date of solution, (4) the date of cessation of growth, or (5) the date of final sterile filtration of a bulk solution, whichever is applicable.

[38 FR 32056, Nov. 20, 1973, as amended at 42 FR 27582, May 31, 1977]

#### §610.53 Dating periods for licensed biological products.

- (a) General. The minimum dating periods in paragraph (c) of this section are based on data relating to usage. clinical experience, or laboratory tests that establish the reasonable period beyond which the product cannot be expected to yield its specific results and retain its safety, purity, and potency, provided the product is maintained at the recommended temperatures. The standards prescribed by the regulations in this subchapter are designed to ensure the continued safety, purity, and potency of the products and are based on the dating periods set forth in paragraph (c) of this section. Package labels for each product shall recommend storage at the stated temperatures.
- (b) When the dating period begins. The dating period for a product shall begin on the date of manufacture, as prescribed in §610.50. The dating period for a combination of two or more products shall be no longer than the dating period of the component with the shortest dating period.
- (c) Table of dating periods. In using the table in this paragraph, a product in column A may be stored by the manufacturer at the prescribed temperature and length of time in either column B or C, plus the length of time in column D. The dating period in column D shall be applied from the day the product leaves the manufacturer's storage, provided the product has not exceeded its maximum storage period, as prescribed in column B or C. If a product is held in the manufacturer's storage beyond the period prescribed, the dating period for the product being distributed shall be reduced by a corresponding period.

A	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
Adenovirus Vaccine Live Oral	,	Not applicabledodo	

# Food and Drug Administration, HHS

Α	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
Allergenic Extracts labeled "No U.S.	Not applicable	do	(c) 10 years, if in a hermetically sealed metal container and provided labeling recommends storage between 2 and 8 °C.
Standard of Potency":  1. With 50 percent or more glycerin	3 years	do	3 years.
<ol><li>With less than 50 percent glycerin</li></ol>	18 months	do	18 months.
<ol><li>Products for which cold storage conditions are inappropriate.</li></ol>	Not applicable	do	18 months (from date of manufacture), provided labeling recommends storage at 30 °C or colder.
4. Powders and tablets	do	do	5 years (from date of manufacture), pro- vided labeling recommends storage at 30 °C or colder.
Freeze-dried products:     a. Unreconstituted	do	do	4 years (from date of manufacture).
b. Reconstituted	do	do	18 months (cannot exceed 4-year unreconstituted dating period plus an additional 12 months).
Allergenic Extracts, Alum Precipitated labeled "No U.S. Standard of Potency".	18 months	do	18 months.
Anthrax Vaccine Adsorbed Antibody to Hepatitis B Surface Antigen:	2 years	do	1 year.
Antibody to Hepatitis B Surface     Antigen.	6 months	do	6 months.
Lyophilized coated red blood cells     Enzyme conjugated products	do	do	Do. Do.
lodinated (125I) products	Not applicable	do	45 days (from date of manufacture).
Antihemophilic Factor (Human)	do	do	1 year (from date of manufacture).
Anti-Human Globulin Liquid	do	do	2 years.
Anti-Inhibitor Coagulant Complex	do	do	Do.
Antirabies Serum	1 year	do	Do.
Antivenin (Crotalidae) Polyvalent	do	do	5 years with an initial 10 percent excess of potency, provided labeling rec- ommends storage at 37 ° C or colder.
Antivenin (Latrodectus Mactans)	do	do	5 years with an initial 10 percent excess of potency.
Antivenin (Micurus fulvius)	do	do	Do.
Asparaginase	Not applicable	do	18 months from the date of the last valid potency test.
BCG Vaccine	1 year	Not applicable	6 months.
Blood Grouping Reagents 1. Liquid	Not applicable	Not applicable	2 years.
2. Dried	1 year	2 years	5 years.
Blood Group Substance AB	do	do	2 years.
Blood Group Substance A	do	do	Do.
Blood Group Substance B	do	do	Do.
Botulism Antitoxin	do	Not applicable	5 years with an initial 20 percent excess of potency.
Cholera Vaccine	do	do	18 months.
Coccidioidin Collagenase	Not applicable	do	years.     years (from date of manufacture), provided labeling recommends storage at
Cryoprecipitated AFH	do	do	37 °C or colder.  12 months from the date of collection of source blood, provided labeling recommends storage at -18 °C or colder.
Diphtheria Antitoxin: 1. Liquid	1 year	do	5 years with an initial 20 percent excess
2. Dried	do	2 years	of potency. 5 years with an initial 10 percent excess
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed.	do	Not applicable	of potency. 18 months.
Diphtheria and Tetanus Toxoids, Adsorbed.	do	do	2 years.
Diphtheria Toxin for Schick Test Diphtheria Toxoid	dodo	dodo	1 year. 2 years.
Diphtheria Toxoid Adsorbed	ldo	2 years	Do.

# §610.53

A	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
Diphtheria Toxoid-Schick Test Control	Not applicable	Not applicable	1 year.
Factor IX Complex	do	do	1 year (from date of manufacture).
Fibrinolysin (Human)	1 year	2 years	2 years.
Fibrinolysin and Desoxyribonuclease Com-	do	do	3 years, provided labeling recommends
bined (Bovine).			storage at 30 °C or colder.
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol.	do	do	Do.
Hepatitis B Surface Antigen: 1. Unlyophilized coated red blood cells.	Not applicable	do	14 days (from date of manufacture).
2. Iodinated (125 I) product	do	do	45 days (from date of manufacture).
3. Enzyme conjugated product	6 months	do	6 months.
Histoplasmin	1 year	Not applicable	2 years.
Immunoglobulins:	,		,
Hepatitis B Immune Globulin (Human).	Not applicable	do	1 year.
2. Immune Globulin (Human)	3 years	do	3 years.
3. Immune Globulin Intravenous	Not applicable	do	1 year.
(Human).			_
4. Lymphocyte Immune Globulin, Anti-	do	Not applicable	2 years.
Thymocyte Globulin (Equine).	0	4-	O form data the data disast an farmer bull.
5. Pertussis Immune Globulin	3 years	do	3 years from date the dried or frozen bulk
(Human).	4	4-	product is placed in final solution.
6. Rabies Immune Globulin (Human)	1 year	do	1 year.
7. Rh <sub>o</sub> (D) Immune Globulin (Human)	6 months	do	6 months.
8. Tetanus Immune Globulin (Human)	1 year	do	3 years with an initial 10 percent excess
0 Vassinia Immuna Clabulia (Human)	2	do	of potency. 3 years.
Vaccinia Immune Globulin (Human)     Varicella-Zoster Immune Globulin	3 years		1
(Human).	Not applicable	do	1 year.
Hepatitis B Vaccine	2 years at 2 to 8 °C.	Not applicable	3 years.
Influenza Virus Vaccine	1 year	do	18 months.
Limulus Amebocyte Lysate	Not applicable	Not applicable	18 months (from date of manufacture).
Measles, Mumps, and Rubella Virus Vac-	do	1 year (-20 °C or	1 year.
cine Live.		colder).	,
Measles and Mumps Virus Vaccine Live	do	do	1 year.
Measles and Rubella Virus Vaccine Live	do	do	Do.
Measles Live and Smallpox Vaccine	Not applicable	do	1 year (from date of manufacture).
Measles Virus Vaccine Live	do	do	1 year.
Meningococcal Polysaccharide Vaccine			
Group A:			
1. Final bulk powder	do	2 years (-20 °C	Not applicable.
O. Final contains	Nat and Carlot	or colder).	0
2. Final container	Not applicable	3 years (-20 °C	2 years.
Meningococcal Polysassharida Vassina		or colder).	
Meningococcal Polysaccharide Vaccine Group C:			
1. Final bulk powder	do	2 years (-20 °C	Not applicable.
1. I mai buik powder		or colder).	ιτοι αρριιοασίο.
2. Final container	do	3 years (-20 °C	2 years.
		or colder).	
Meningococcal Polysaccharide Vaccine			
Groups A and C combined:			
1. Final bulk powder	do	2 years (-20 °C	Not applicable.
		or colder).	
2. Final container	do	3 years (-20 °C	2 years.
		or colder).	
Meningococcal Polysaccharide Vaccine			
Groups A, C, Y, and W135 combined:			
1. Final bulk power	do	2 years (-20 °C	Not applicable.
	4-	or colder).	0
O. Final contains:	do	3 years (-20 °C	2 years.
2. Final container		or colder).	
	Compatha		10 mantha
Mumps Skin Test Antigen	6 months	Not applicable	18 months.
	6 months Not applicable	Not applicable 1 year (-20 °C or	18 months. 1 year.
Mumps Skin Test Antigen	Not applicable	Not applicable 1 year (-20 °C or colder).	1 year.
Mumps Skin Test Antigen	Not applicable	Not applicable 1 year (-20 °C or	1 year. 5 years.

# Food and Drug Administration, HHS

A	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
Pertussis Vaccine Adsorbed	do	do	Do.
Plague Vaccine Plasma products:	do	do	Do.
Tresh Frozen Plasma	Not applicable	do	1 year from date of collection of source
2. Liquid Plasma	do	do	blood (-18 °C or colder).  (a) 26 days from date of collection of source blood (between 1 and 6 °C).  (b) 40 days from date of collection of source blood only when CPDA-1 solution is used as the anticoagulant (between 1 and 6 °C).
3. Plasma	do	do	5 years from date of collection of source
4. Platelet Rich Plasma	do	do	blood (-18 °C or colder). 72 hours from time of collection of source blood, provided labeling recommends storage (20 to 24 °C or between 1 and 6 °C). 5 days if certain approved containers are used (20 to 24 °C).
5. Source Leukocytes	do	do	In lieu of expiration date, the collection date shall appear on the label.
6. Source Plasma	do	do	10 years (at the recommended storage temperature stated on the label).
7. Therapeutic Exchange Plasma		do	10 years.
Plasma Protein Fraction (Human)	1 year	do	<ul><li>(a) 5 years.</li><li>(b) 3 years provided labeling recommends storage at room temperature, no warmer than 30 °C).</li></ul>
Platelets	Not applicable	do	72 hours from time of collection of source blood, provided labeling recommends storage at 20 to 24 °C or between 1 and 6 °C. 5 days if certain approved containers are used (20 to 24 °C).
Pneumococcal Vaccine Polyvalent: 1. Final bulk powder	do	24 months after potency assay (-20 °C or colder).	Not applicable.
Final container  Poliovirus Vaccine Inactivated  Poliovirus Vaccine Live Oral Trivalent:	do 1 year	Not applicable	2 years (from date of manufacture). 1 year.
1. Frozen	Not applicable	1 year (-10 °C or colder).	year, provided labeling recommends storage at a temperature which will maintain ice continuously in a solid state.
Liquid  Poliovirus Vaccine Live Oral Type I:	do	Not applicable	30 days, provided labeling recommends storage between 2 and 8 °C and con- tainer has been unopened.
1. Frozen	do	1 year (-10 °C or colder).	year, provided labeling recommends storage at a temperature which will maintain ice continuously in a solid state.
2. Liquid	do	Not applicable	state. 30 days, provided labeling recommends storage between 2 and 8 °C and container has been unopened.
Poliovirus Vaccine Live Oral Type II: 1. Frozen	do	1 year (-10 °C or colder).	1 year, provided labeling recommends storage at a temperature which will maintain ice continuously in a solid
2. Liquid	do	Not applicable	state. 30 days, provided labeling recommends storage between 2 and 8 °C and container has been unopened.
Poliovirus Vaccine Live Oral Type III: 1. Frozen	do	1 year (-10 °C or colder).	year, provided labeling recommends storage at a temperature which will maintain ice continuously in a solid state.

# §610.53

A	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
2. Liquid	do	Not applicable	30 days, provided labeling recommends storage between 2 and 8 °C and container has been unopened.
Polyvalent bacterial antigens with "No U.S. Standard of Potency" liquid.	1 year	do	18 months.
Polyvalent bacterial vaccines with "No U.S. Standard of Potency" liquid. Rabies Vaccine:	do	do	Do.
1. Dried	do	2 years	Do.
Liquid  Reagent red blood cells	3 months Not applicable	Not applicable	6 months.
ACD Red Blood Cells	do	do	Thirty-five days from earliest date of collection if kept in liquid form (indefinite storage of reagent red blood cell source material at -65 °C or colder).  (a) 21 days from date of collection of
			source blood, provided labeling recommends storage between 1 and 6 °C and the hermetic seal is not broken during processing.  (b) 24 hours after plasma removal, provided labeling recommends storage between 1 and 6 °C and the hermetic seal is broken during processing.
CPD Red Blood Cells	do	do	<ul> <li>(a) 21 days from date of collection of source blood, provided labeling recommends storage between 1 and 6 °C and the hermetic seal is not broken during processing.</li> <li>(b) 24 hours after plasma removal, provided labeling recommends storage between 1 and 6 °C and the hermetic</li> </ul>
CPDA-1 Red Blood Cells	do	do	seal is broken during processing.  (a) 35 days from date of collection of source blood, provided labeling recommends storage between 1 and 6 °C and the hermetic seal is not broken during processing.  (b) 24 hours after plasma removal, provided labeling recommends storage between 1 and 6 °C and the hermetic seal is broken during processing.
Red Blood Cells Deglycerolized	do	do	24 hours after removal from storage at -65 °C or colder, provided labeling recommends storage between 1 and 6 °C.
Red Blood Cells Frozen	do	do	3 years from date of collection of source blood, provided labeling recommends storage at -65 °C or colder.
Rubella and Mumps Virus Vaccine Live	do	1 year (-20 °C or colder).	1 year.
Rubella Virus Vaccine Live	6 months	Not applicable	Do. Do.
1. Liquid	Not applicable	9 months (-10 °C or colder, if product is maintained as glycerinated or equivalent vaccine in bulk or final containers).	3 months, provided labeling recommends storage at 0 °C or colder.
2. Dried	6 months	Not applicable	18 months.
Streptokinase	Not applicable  1 year	dodo	Do. 2 years.
1. Liquid	do	do	5 years with an initial 20 percent excess or potency.

Α	В	С	D
Product	Manufacturer's storage period 1 to 5 °C (unless otherwise stated)	Manufacturer's storage period 0 °C or colder (un- less otherwise stated)	Dating period after leaving manufactur- er's storage when stored at 2 to 8 °C (unless otherwise stated)
2. Dried	do	2 years	5 years with an initial 10 percent excess or potency.
Tetanus Toxoid	do	Not applicable	2 years.
Tetanus Toxoid Adsorbed	do	do	Do.
Thrombin	do	2 year	3 years.
Thrombin Impregnated Pad Tuberculin:	Not applicable	Not applicable	1 year, or 6 months at 20 to 24 °C.
<ol> <li>Purified Protein Derivative, diluted</li> </ol>	6 months	do	1 year.
<ol><li>Old or Purified Protein Derivative dried on multiple puncture device.</li></ol>	1 year (not to exceed 30 °C; do not refrigerate).	do	2 years, provided labeling recommends storage at a temperature not to exceed 30 °C. Do not refrigerate.
<ol><li>Old on multiple puncture device</li></ol>		do	Do.
Typhoid Vaccine		do	18 months.
ACD Whole Blood	Not applicable	do	21 days from date of collection, provided labeling recommends storage between 1 and 6 °C.
CPD Whole Blood			Do.
CPDA-1 Whole Blood	do	do	35 days from date of collection, provided labeling recommends storage between 1 and 6 °C.
Heparin Whole Blood	do	do	48 hours from date of collection, provided labeling recommends storage between 1 and 6 °C.
Yellow Fever Vaccine	do	1 year (-20 °C or colder).	1 year, provided labeling recommends storage at 5 °C or colder.

(d) Exemptions. Exemptions or modifications shall be made only upon written approval, in the form of a supplement to the biologics license application, issued by the Director, Center for Biologics Evaluation and Research.

[50 FR 4134, Jan. 29, 1985, as amended at 51 FR 15607, Apr. 25, 1986; 51 FR 19750, June 2, 1986; 52 FR 37450, Oct. 7, 1987; 53 FR 12764, Apr. 19, 1988; 62 FR 15110, Mar. 31, 1997; 64 FR 56453, Oct. 20, 1999]

### Subpart G—Labeling Standards

### $\S 610.60$ Container label.

- (a) Full label. The following items shall appear on the label affixed to each container of a product capable of bearing a full label:
  - (1) The proper name of the product;
- (2) The name, address, and license number of manufacturer;
- (3) The lot number or other lot identification:
- (4) The expiration date;
- (5) The recommended individual dose, for multiple dose containers.
- (6) The statement: "Caution: Federal law prohibits dispensing without prescription," for prescription biologicals.

- (7) If a Medication Guide is required under part 208 of this chapter, the statement required under §208.24(d) of this chapter instructing the authorized dispenser to provide a Medication Guide to each patient to whom the drug is dispensed and stating how the Medication Guide is provided, except where the container label is too small, the required statement may be placed on the package label.
- (b) Package label information. If the container is not enclosed in a package, all the items required for a package label shall appear on the container label.
- (c) Partial label. If the container is capable of bearing only a partial label, the container shall show as a minimum the name (expressed either as the proper or common name), the lot number or other lot identification and the name of the manufacturer; in addition, for multiple dose containers, the recommended individual dose. Containers bearing partial labels shall be placed in a package which bears all the items required for a package label.
- (d) No container label. If the container is incapable of bearing any label, the items required for a container label