

WHO International Biological Reference Preparations

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ANIMAL SERA

PREPARATION	STANDARD	MATERIAL	HELD AT	CODE	WHO/BS DOCUMENT
Anti-brucella ovis serum, ovine, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1985	Ovine serum	NIBSC	BovDs	85.1485
Anti-canine distemper serum, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1967	Horse serum	NIBSC	CDS	67.881
Anti-canine hepatitis serum, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1967	Horse serum	NIBSC	CHS	67.880
Anti-dysentery serum (Shiga), equine, , 1 IU equivalent to 0.05 mg of dried standard serum.	1st International Standard, 1928	Horse serum	NIBSC	DY	Bull. Health Org. 4, 1935
Anti-mycoplasma gallisepticum serum, Lyophilized, 1,000 IU / ampoule of agglutinating activity and 1,000 IU / ampoule of haemagglutination-inhibiting activity.	1st International Reference Preparation, 1969	Chicken serum	NIBSC	MgDS	69.961
Anti-newcastle-disease serum, Lyophilized, 320 IU / ampoule.	1st International Reference Preparation, 1968	Chicken serum	NIBSC	NDS	67.878
Anti-pertussis serum, mouse, Lyophilized, 17 units / vial of anti-pertussis toxin. 143 units / vial of anti-filamentous haemagglutinin. 30 units / vial of anti-pertactin. 32 units / vial of anti-fimbria types 2/3.	1st Reference Reagent, 1999	Mouse serum	NIBSC	97/642	99.1901
Anti-Q-fever serum, bovine, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1954	Bovine serum	NIBSC	QF	53.230
Anti-salmonella pullorum serum (Standard Form S), Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1973	Goat serum	NIBSC	SpDS-S2	73.1066
Anti-salmonella pullorum serum (Variant Form V), Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1973	Goat serum	NIBSC	SpDS-V	73.1066
Anti-staphylococcal P-V leucocidin serum, equine, Lyophilized, 150 IU / ampoule.	1st International Standard, 1965	Horse serum	NIBSC	SPLS	65.769
Anti-swine fever serum, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1963	Pig serum	NIBSC	SFS	62.573
Anti-tick borne encephalitis serum (louping ill (Moredun) virus), Lyophilized, No unitage assigned.	1st International Reference Reagent, 1964	Sheep serum	NIBSC	TILI	64.707
Anti-tick borne encephalitis serum (Russian spring-summer (sophyn and absettarov virus), Lyophilized, No unitage assigned.	1st International Reference Reagent, 1964	Sheep serum	NIBSC	TISA	64.707
Anti-yellow fever serum, monkey, Lyophilized, 143 IU / ampoule.	1st International Standard, 1962	Monkey serum	NIBSC	YF	62.545
Cholera antitoxin, goat, Lyophilized, 2,200 IU / ampoule.	1st International Standard, 1984	Goat serum	NIBSC	CHAN	84.1438
Clostridium botulinum type B antitoxin, equine, Lyophilized, 30.7 IU / ampoule.	2nd International Standard, 1985	Horse serum	NIBSC	BUSB	85.1469
Clostridium botulinum type D antitoxin, equine, Lyophilized, 1,000 IU / ampoule.	1st International Standard, 1962	Horse serum	NIBSC	61/001 (BUSD)	62.582
Clostridium perfringens beta antitoxin, equine, Lyophilized, 4,770 IU / ampoule.	2nd International Standard, 1998	Horse serum	NIBSC	2Cp BetaAt	85.1484

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 Clostridium perfringens epsilon antitoxin, equine, Lyophilized, 1,020 IU / ampoule.	2nd International Standard, 1985	Horse serum	NIBSC	2Cp Epsilon At	85.1484
 Diphtheria antitoxin, equine, Lyophilized, 10 IU / ml. Bottles in the form of 10 ml of a solution of dried serum in 66% v/v of glycerol.	1st International Standard, 1934	Horse serum	NIBSC	07/200	Quart. Bull. Health Organ. 4, 1935
 Gas-gangrene antitoxin (Clostridium histolyticum), equine, Lyophilized, 50 IU / ampoule.	3rd International Standard, 1971	Horse serum	NIBSC	HI	71.1034
 Gas-gangrene antitoxin (Clostridium perfringens), equine, Lyophilized, 270 IU / ampoule.	5th International Standard, 1962	Horse serum	NIBSC	PE	62.547 Rev. 1
 Gas-gangrene antitoxin, (Clostridium novyi), equine, Lyophilized, 1,100 IU / ampoule.	3rd International Standard, 1966	Horse serum	NIBSC	OE	66.803
 Gas-gangrene antitoxin, (Clostridium septicum), equine, Lyophilized, 500 IU / ampoule.	3rd International Standard, 1957	Horse serum	NIBSC	VI	57.384
 Staphylococcus-alpha antitoxin, equine, Lyophilized, 220 IU / ampoule.	3rd International Standard, 1982	Horse serum	NIBSC	STA	82.1345
 Swine erysipelas serum (anti-N), Lyophilized, 628 IU / ampoule.	1st International Standard, 1954	Horse serum	NIBSC	SES	54.297