

Solutions for dilutions.

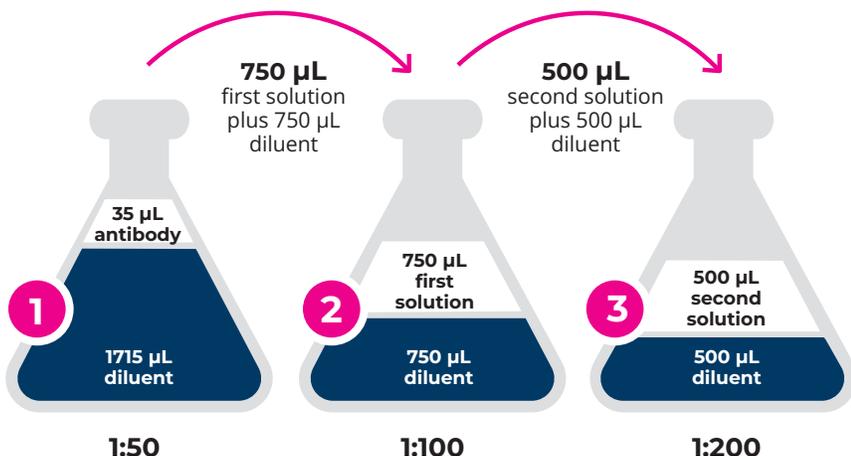
STANDARD LABORATORY DILUTIONS

	500 μ L	1 mL	2 mL	5 mL	10 mL
1:10	50 μ L:450 μ L	100 μ L:900 μ L	200 μ L:1800 μ L	500 μ L:4500 μ L	1000 μ L:9000 μ L
1:20	25 μ L:475 μ L	50 μ L:950 μ L	100 μ L:1900 μ L	250 μ L:4750 μ L	500 μ L:9500 μ L
1:25	20 μ L:480 μ L	40 μ L:960 μ L	80 μ L:1920 μ L	200 μ L:4800 μ L	400 μ L:9600 μ L
1:50	10 μ L:490 μ L	20 μ L:980 μ L	40 μ L:1960 μ L	100 μ L:4900 μ L	200 μ L:9800 μ L
1:100	5 μ L:495 μ L	10 μ L:990 μ L	20 μ L:1980 μ L	50 μ L:4950 μ L	100 μ L:9900 μ L
1:500	-----	2 μ L:998 μ L	4 μ L:1996 μ L	10 μ L:4990 μ L	20 μ L:9980 μ L
1:1000	-----	-----	2 μ L:1998 μ L	5 μ L:4995 μ L	10 μ L:9990 μ L

SERIAL DILUTIONS

for 1 mL each of 1:50/1:100/1:200

- 1 Make 1.75 ml (1750 μ L) total volume of a 1:50 dilution:**
Add 35 μ L antibody to 1715 μ L diluent. Mix gently and remove 750 μ L of the 1:50 mixed antibody to a new vial.
- 2 Make 1.5 ml (1500 μ L) total volume of a 1:100 dilution:**
Add 750 μ L diluent to the 750 μ L of the 1:50 mixed antibody, making a 1:100 dilution. Gently mix and remove 500 μ L of the mixed 1:100 antibody to a new vial.
- 3 Make 1.0 ml (1000 μ L) total volume of a 1:200 dilution:**
Add 500 μ L diluent to the 500 μ L 1:100 mixed antibody.



CONVERSIONS

Most Commonly used Conversions

1 L = 1000 mL = 1,000,000 μ L
 1000 μ L = 1 mL = 0.001 L
 1 g = 1 cm³ = 1 mL

Temperature Conversions

$^{\circ}$ F = (1.8 X $^{\circ}$ C) + 32
 $^{\circ}$ C = ($^{\circ}$ F - 32) X 0.56

Other Conversions

1 gram = 1,000 milligrams
 454 grams = 1 lb
 1 liter = 33.8 ounces
 1 liter = 0.26 gallons
 1 gallon = 128 ounces
 1 gallon = 3.8 liters
 1 inch = 2.54 cm