



Lifespan Technologies
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Product No: K-1715

Dextran 2 mDa 10,000 µg/mL
(µg/mL=PPM)

Dextran Standards in Purified Water

INTENDED USE: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT INTENDED FOR CLINICAL OR DIAGNOSTIC USE.

Storage and Stability

Can be stored unopened at 4°C for up to six months.

Standards Preparation

Make dilutions of the included 10,000 µg/mL Dextran standard using purified water or 1% sucrose as your diluent to obtain standards of 0, 0.03, 0.1, 0.3, 1, 3, 10, and 30 µg/mL. To prepare your standards from the included vial of 10,000 µg/mL Dextran, you must first dilute it to 300µg/ml. To perform this dilution, take 90 microliters (µL) from the 10,000 µg /mL Dextran vial and add to 2.910 mL of purified water or your preferred diluent. Mix thoroughly and use this 300 µg/mL stock to make the 6 dilutions outlined in the table below. Mix each tube well.

If you are performing less than a full plate, the diluted standards may be stored tightly capped at 4° C and re-used with your next assay.

Standard	Diluent	Stock
300 µg/mL	2.910 mL	0.090 mL of 10,000 µg/mL
10.00 µg/mL	2.900 mL	0.100 mL of 300 µg/mL
3.00 µg/mL	2.970 mL	0.030 mL of 300 µg/mL
1.00 µg/mL	2.990 mL	0.010 mL of 300 µg/mL
0.3 µg/mL	2.970 mL	0.030 mL of 30 µg/mL
0.1 µg/mL	2.990 mL	0.010 mL of 30 µg/mL
0.03 µg/mL	2.970 mL	0.030 mL of 3 µg/mL
0 µg/mL	3.000 mL	0.000 mL

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