

Supporting file. 3 Antioxidant capacity of recombinant albumin in distilled water and hemoglobin solution

Albumin	AUC	%
DW	249,831	94.91410162
DW	260,576	98.99626925
DW	254,194	96.57166303
DW	274,212	104.176766
DW	268,723	102.0914223
DW	271,772	103.2497778
0.006 mM	437,830	175.2504693
0.006 mM	446,204	171.237566
0.006 mM	479,859	188.7766824
0.006 mM	472,320	172.2462912
0.006 mM	479,477	178.4279723
0.006 mM	443,662	163.2478695
0.06 mM	1,123,345	449.641958
0.06 mM	1,042,192	399.9570183
0.06 mM	1,155,914	454.7369332
0.06 mM	1,109,124	404.4768281
0.06 mM	1,069,512	397.9979384
0.06 mM	1,072,896	394.7779757
0.15 mM	1,005,572	402.5008906
0.15 mM	1,058,081	406.0546635
0.15 mM	1,034,221	406.8628685
0.15 mM	1,059,283	386.3007454
0.15 mM	1,022,346	380.4460355
0.15 mM	1,100,644	404.9880047
0.3 mM	1,014,540	406.0905172
0.3 mM	972,820	373.334459
0.3 mM	1,046,750	411.7917811
0.3 mM	1,030,620	375.8478841
0.3 mM	1,049,490	390.5471433
0.3 mM	1,028,570	378.4679805
0.6 mM	933,510	373.6565919

0.6 mM	916,280	351.6363748
0.6 mM	962,130	378.5022463
0.6 mM	979,900	357.3512465
0.6 mM	982,720	365.6999959
0.6 mM	985,780	362.723165

Albumin	AUC	%
DW + 3 μ M Hb	435,720,000	95.06632701
DW + 3 μ M Hb	468,240,100	102.1616324
DW + 3 μ M Hb	436,976,800	95.34053834
DW + 3 μ M Hb	461,306,600	100.6488664
DW + 3 μ M Hb	469,935,100	102.5314511
DW + 3 μ M Hb	477,817,200	104.2511847
0.006 mM	417,926,000	95.91618471
0.006 mM	421,723,000	90.06554543
0.006 mM	425,992,000	97.48618233
0.006 mM	437,717,000	94.88635107
0.006 mM	424,441,000	90.31906746
0.006 mM	427,282,000	89.42373778
0.06 mM	313,558,000	71.96318737
0.06 mM	318,564,000	68.03432683
0.06 mM	280,177,000	64.11713391
0.06 mM	289,788,000	62.81895815
0.06 mM	264,889,000	56.36714517
0.06 mM	276,108,000	57.78527855
0.15 mM	201,876,800	46.3317727
0.15 mM	215,525,300	46.02880018
0.15 mM	174,865,200	40.01704438
0.15 mM	186,483,700	40.42510989
0.15 mM	158,061,600	33.63477212
0.15 mM	167,693,900	35.09582744
0.3 mM	97,615,300	22.40321766
0.3 mM	97,400,900	20.80148625
0.3 mM	81,624,800	18.67943561

0.3 mM	81,464,900	17.65959993
0.3 mM	72,173,800	15.3582484
0.3 mM	70,909,100	14.84021504
0.6 mM	33,128,200	7.60309373
0.6 mM	33,543,800	7.163803356
0.6 mM	27,391,500	6.268410588
0.6 mM	27,015,700	5.856343699
0.6 mM	24,331,400	5.177608568
0.6 mM	23,681,600	4.956205009

Albumin	AUC	%
DW + 30 μ M Hb	518,982,700	94.60244383
DW + 30 μ M Hb	514,113,100	93.71479177
DW + 30 μ M Hb	555,640,700	101.2846249
DW + 30 μ M Hb	559,398,800	101.9696679
DW + 30 μ M Hb	579,448,800	105.6244699
DW + 30 μ M Hb	563,975,900	102.8040017
0.006 mM	497,612,600	95.88230976
0.006 mM	488,308,000	94.98065698
0.006 mM	557,815,300	100.391368
0.006 mM	545,585,200	97.53063467
0.006 mM	573,574,200	98.98617445
0.006 mM	552,915,300	98.03881691
0.06 mM	462,078,600	89.0354534
0.06 mM	441,854,200	85.94494091
0.06 mM	493,745,700	88.86060722
0.06 mM	485,438,200	86.77855584
0.06 mM	510,578,200	88.11446326
0.06 mM	507,610,500	90.00570769
0.15 mM	419,619,100	80.85415949
0.15 mM	416,665,400	81.04547424
0.15 mM	423,279,400	76.17861687
0.15 mM	424,611,700	75.9050073
0.15 mM	438,551,000	75.68416744

0.15 mM	434,050,900	76.96266809
0.3 mM	324,399,900	62.50688125
0.3 mM	291,860,660	56.76973802
0.3 mM	327,942,200	59.02055051
0.3 mM	317,648,100	56.7838365
0.3 mM	340,250,200	58.71963148
0.3 mM	319,070,900	56.5752721
0.6 mM	180,243,300	34.73011721
0.6 mM	178,552,000	34.73010122
0.6 mM	189,515,900	34.10763466
0.6 mM	196,805,900	35.18168076
0.6 mM	192,608,700	33.239986
0.6 mM	210,583,000	37.33900686