

Supplementary Materials: Synergistic Effects of *n*-Hexane Fraction of *Parkia biglobosa* (Jacq.) Bark Extract and Selected Antibiotics on Bacterial Isolates

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Table S1. Colony count for tetracycline and *n*-hexane fraction combination at 1 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	tet1	tet2	tet3	tet4	tet5	tet + N-hex1	tet + N-hex2	tet + N-hex3	tet + N-hex4	tet + N-hex5
<i>B. anthracis</i> (LIO)	53	55	54	54	54	102	101	103	102	102	2	2	2	2	2
<i>P. aureginosa</i> (NCIB 950)	37	36	38	38	36	16	18	18	17	18	8	8	7	8	8
<i>B. stearothermophilus</i> (NCIB 8222)	185	185	183	184	185	98	98	98	98	98	1	1	1	1	1
<i>B. cereus</i> (NCIB 6349)	75	79	76	78	77	6	9	6	6	8	3	2	2	2	3
<i>B. polymyxa</i> (LIO)	98	97	99	98	98	87	89	87	89	88	3	2	4	3	3
<i>C. pyogenes</i> (LIO)	114	115	117	114	115	14	15	16	15	15	10	10	10	10	10
<i>P. fluorescence</i> (NCIB 3756)	52	50	50	52	51	17	17	17	17	17	9	7	11	9	9
<i>C. sporogenes</i> (NCIB 532)	15	15	15	15	15	70	71	69	69	71	2	1	1	1	2
<i>M. luteus</i> (NCIB 196)	55	53	55	57	55	3	3	3	3	3	2	3	1	1	3
<i>E. faecalis</i> (NCIB 775)	176	178	176	176	178	74	77	76	73	75	2	2	2	2	2
<i>S. aureus</i> (NCIB 8588)	103	105	104	104	104	88	88	88	88	88	1	2	1	1	2
<i>B. subtilis</i> (NCIB 3610)	10	10	10	10	10	1	2	3	2	2	3	2	1	3	1
<i>K. pneumonia</i> (NCIB 418)	2	3	4	3	3	8	11	11	10	10	1	2	3	2	2
<i>E. coli</i> (NCIB 86)	10	10	13	10	12	7	7	6	6	7	4	3	3	4	4
<i>P. vulgaris</i> (LIO)	42	46	42	42	43	90	89	93	92	91	3	1	1	3	2

Table S2. Colony count for streptomycin and *n*-hexane fraction combination at 1 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	strep1	strep2	strep3	strep4	strep5	strep + N-hex1	strep + N-hex2	strep + N-hex3	strep + N-hex4	strep + N-hex5
<i>B. anthracis</i> (LIO)	49	52	52	50	52	209	208	208	207	208	2	2	2	2	2
<i>P. aureginosa</i> (NCIB 950)	36	38	38	36	37	87	86	86	89	87	27	25	25	26	25
<i>B. stearothermophilus</i> (NCIB 8222)	183	184	184	181	183	54	54	53	55	54	5	6	4	5	5
<i>B. cereus</i> (NCIB 6349)	77	77	77	77	77	44	42	44	46	44	2	1	3	2	2
<i>B. polymyxa</i> (LIO)	99	99	101	99	102	201	206	206	207	207	2	1	1	3	2
<i>C. pyogenes</i> (LIO)	112	115	115	113	115	214	214	214	214	214	4	4	5	4	4
<i>P. fluorescence</i> (NCIB 3756)	53	56	53	53	54	112	114	113	112	114	1	2	1	1	1
<i>C. sporogenes</i> (NCIB 532)	15	17	18	15	15	85	85	87	84	84	2	1	1	1	1
<i>M. luteus</i> (NCIB 196)	54	53	55	55	55	13	13	13	13	13	2	3	1	2	2
<i>E. faecalis</i> (NCIB 775)	179	178	178	179	179	132	132	134	131	132	2	1	2	1	2
<i>S. aureus</i> (NCIB 8588)	103	104	103	104	104	234	234	235	233	234	2	1	2	2	2
<i>B. subtilis</i> (NCIB 3610)	11	12	11	13	11	3	5	4	5	4	5	4	4	4	4
<i>K. pneumonia</i> (NCIB 418)	4	4	4	5	4	286	284	284	286	286	3	4	2	5	4
<i>E. coli</i> (NCIB 86)	10	11	10	10	10	171	171	172	171	171	3	3	4	2	3
<i>P. vulgaris</i> (LIO)	45	44	45	45	45	82	81	82	81	81	2	1	1	3	2

Table S3. Colony count for penicillin and *n*-hexane fraction combination at 1 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	pen1	pen2	pen3	pen4	pen5	pen + N-hex1	pen + N-hex2	pen + N-hex3	pen + N-hex4	pen + N-hex5
<i>B. anthracis</i> (LIO)	54	56	56	54	55	289	291	290	291	290	12	10	13	12	12
<i>P. aureginosa</i> (NCIB 950)	37	38	38	36	36	250	249	252	250	250	22	21	20	21	21
<i>B. stearothermophilus</i> (NCIB 8222)	183	184	184	183	182	39	40	42	42	42	1	1	3	2	1
<i>B. cereus</i> (NCIB 6349)	77	77	78	77	76	64	65	65	66	65	4	6	5	4	5
<i>B. polymyxa</i> (LIO)	97	99	98	99	98	209	212	211	211	211	11	11	11	11	11
<i>C. pyogenes</i> (LIO)	115	115	114	112	113	203	201	201	203	201	9	8	9	9	9
<i>P. fluorescence</i> (NCIB 3756)	54	53	52	53	53	201	202	202	203	201	2	3	1	2	2
<i>C. sporogenes</i> (NCIB 532)	15	14	16	14	15	24	24	24	24	24	1	1	3	1	1
<i>M. luteus</i> (NCIB 196)	53	54	52	53	52	7	8	8	7	7	5	6	6	5	5
<i>E. faecalis</i> (NCIB 775)	179	178	176	179	177	8	10	10	10	10	3	2	1	1	3
<i>S. aureus</i> (NCIB 8588)	108	109	107	109	109	275	276	277	278	278	1	1	1	2	2
<i>B. subtilis</i> (NCIB 3610)	11	11	10	11	9	3	2	3	4	3	4	4	3	5	4
<i>K. pneumonia</i> (NCIB 418)	8	7	7	6	8	232	233	320	229	231	2	3	3	2	2
<i>E. coli</i> (NCIB 86)	10	10	10	10	11	176	178	177	177	177	21	21	21	21	21
<i>P. vulgaris</i> (LIO)	45	44	43	45	43	228	229	229	228	229	2	2	2	3	2

Table S4. Colony count for ampicillin and *n*-hexane fraction combination at 1 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	amp1	amp2	amp3	amp4	amp5	amp1 + N-hex1	amp1 + N-hex2	amp1 + N-hex3	amp1 + N-hex4	amp1 + N-hex5
<i>B. anthracis</i> (LIO)	56	54	55	54	54	90	89	91	89	89	2	2	3	2	2
<i>P. aureginosa</i> (NCIB 950)	36	37	37	35	37	57	56	56	56	56	19	20	20	21	20
<i>B. stearothermophilus</i> (NCIB 8222)	185	184	185	186	185	33	32	32	31	32	1	1	1	1	1
<i>B. cereus</i> (NCIB 6349)	76	76	77	78	77	23	23	24	22	23	3	2	1	2	2
<i>B. polymyxa</i> (LIO)	98	97	98	97	98	42	44	44	43	43	3	4	3	3	3
<i>C. pyogenes</i> (LIO)	114	114	115	115	115	54	53	53	54	53	3	2	2	2	2
<i>P. fluorescence</i> (NCIB 3756)	51	50	51	52	51	49	49	47	49	49	4	4	5	4	4
<i>C. sporogenes</i> (NCIB 532)	15	16	16	15	15	10	11	9	10	10	1	2	3	2	2
<i>M. luteus</i> (NCIB 196)	55	56	54	55	55	32	32	32	32	32	2	2	4	2	2
<i>E. faecalis</i> (NCIB 775)	177	176	178	177	177	54	54	55	52	54	1	1	1	1	1
<i>S. aureus</i> (NCIB 8588)	104	103	104	105	104	96	97	98	97	97	11	12	11	12	13
<i>B. subtilis</i> (NCIB 3610)	10	11	9	10	10	48	48	47	48	48	4	3	5	4	4
<i>K. pneumonia</i> (NCIB 418)	3	3	6	3	3	65	64	63	64	64	2	2	3	3	2
<i>E. coli</i> (NCIB 86)	11	12	12	10	11	10	10	10	10	10	2	4	2	2	2
<i>P. vulgaris</i> (LIO)	44	43	43	44	43	88	87	89	89	89	3	3	3	2	2

Table S5. Colony count for tetracycline and *n*-hexane fraction combination at 1/2 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	tet1	tet2	tet3	tet4	tet5	tet + N-hex1	tet + N-hex2	tet + N-hex3	tet + N-hex4	tet + N-hex5
<i>B. anthracis</i> (LIO)	73	75	74	74	74	122	121	123	122	122	6	6	6	6	6
<i>P. aureginosa</i> (NCIB 950)	57	56	58	58	56	21	23	22	22	22	30	32	31	32	32
<i>B. stearothermophilus</i> (NCIB 8222)	205	205	203	204	205	118	118	118	118	118	5	5	5	5	5
<i>B. cereus</i> (NCIB 6349)	95	99	96	98	97	26	29	26	26	28	10	10	10	10	10
<i>B. polymyxa</i> (LIO)	118	117	119	118	118	107	109	107	109	108	7	6	8	7	7
<i>C. pyogenes</i> (LIO)	134	135	137	134	135	34	35	36	35	35	28	29	29	29	28
<i>P. fluorescens</i> (NCIB 3756)	72	70	70	72	71	37	37	37	37	37	26	27	27	26	27
<i>C. sporogenes</i> (NCIB 532)	35	35	35	35	35	90	91	89	89	91	3	4	3	4	4
<i>M. luteus</i> (NCIB 196)	75	73	75	77	75	23	23	23	23	23	18	18	17	18	18
<i>E. faecalis</i> (NCIB 775)	186	198	196	196	198	94	97	96	93	95	6	6	6	6	6
<i>S. aureus</i> (NCIB 8588)	123	125	124	124	124	108	108	108	108	108	2	3	2	2	3
<i>B. subtilis</i> (NCIB 3610)	30	30	30	30	30	21	22	23	22	22	23	22	21	23	21
<i>K. pneumonia</i> (NCIB 418)	22	23	24	23	23	28	31	31	30	30	18	18	19	18	18
<i>E. coli</i> (NCIB 86)	30	30	33	30	32	21	23	21	21	21	17	16	16	16	16
<i>P. vulgaris</i> (LIO)	62	66	62	62	63	110	109	113	112	111	7	5	5	7	6

Table S6. Colony count for streptomycin and *n*-hexane fraction combination at 1/2 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	strep1	strep2	strep3	strep4	strep5	strep + N-hex1	strep + N-hex2	strep + N-hex3	strep + N-hex4	strep + N-hex5
<i>B. anthracis</i> (LIO)	70	71	72	70	72	245	250	247	248	249	5	6	5	5	7
<i>P. aureginosa</i> (NCIB 950)	57	58	57	56	57	108	109	108	110	108	50	52	50	51	50
<i>B. stearothermophilus</i> (NCIB 8222)	201	199	201	202	201	54	54	53	55	54	6	5	5	6	5
<i>B. cereus</i> (NCIB 6349)	108	110	109	109	110	64	64	64	66	64	7	7	6	6	6
<i>B. polymyxa</i> (LIO)	113	115	115	114	113	245	244	243	245	244	6	7	5	5	5
<i>C. pyogenes</i> (LIO)	132	131	132	132	131	261	260	260	262	261	6	5	5	5	6
<i>P. fluorescens</i> (NCIB 3756)	89	89	90	91	89	256	255	255	256	255	6	5	5	6	6
<i>C. sporogenes</i> (NCIB 532)	37	36	36	37	37	107	108	108	107	107	5	6	6	5	5
<i>M. luteus</i> (NCIB 196)	74	73	75	75	75	35	34	34	35	35	7	7	8	8	7
<i>E. faecalis</i> (NCIB 775)	201	201	199	200	201	155	154	154	155	154	5	5	4	5	4
<i>S. aureus</i> (NCIB 8588)	119	120	121	119	119	161	160	160	161	160	5	4	5	4	4
<i>B. subtilis</i> (NCIB 3610)	25	24	24	24	25	21	20	20	20	21	24	25	25	25	24
<i>K. pneumonia</i> (NCIB 418)	4	4	4	5	4	286	284	284	286	286	6	7	7	6	8
<i>E. coli</i> (NCIB 86)	10	11	10	10	10	171	171	172	171	171	6	5	5	6	6
<i>P. vulgaris</i> (LIO)	81	89	89	87	89	102	103	105	103	103	7	8	8	9	7

Table S7. Colony count for penicillin and *n*-hexane fraction combination at 1/2 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	pen1	pen2	pen3	pen4	pen5	pen + N-hex1	pen + N-hex2	pen + N-hex3	pen + N-hex4	pen + N-hex5
<i>B. anthracis</i> (LIO)	143	144	144	143	144	>300	>300	>300	>300	>300	25	24	23	24	24
<i>P. aureginosa</i> (NCIB 950)	37	38	38	36	36	>300	>300	>300	>300	>300	24	25	25	25	24
<i>B. stearothermophilus</i> (NCIB 8222)	209	208	209	209	209	59	61	63	63	63	5	5	6	5	5
<i>B. cereus</i> (NCIB 6349)	98	98	99	98	99	94	96	95	96	95	7	6	8	7	8
<i>B. polymyxa</i> (LIO)	115	117	117	116	116	287	290	289	289	289	17	17	18	18	18
<i>C. pyogenes</i> (LIO)	140	141	141	140	140	246	246	247	246	246	11	11	13	13	12
<i>P. fluorescens</i> (NCIB 3756)	101	101	102	102	103	>300	>300	>300	>300	>300	13	13	13	12	13
<i>C. sporogenes</i> (NCIB 532)	40	41	41	40	41	53	55	55	55	53	5	5	4	5	5
<i>M. luteus</i> (NCIB 196)	80	81	81	80	80	34	34	33	33	31	38	38	38	39	37
<i>E. faecalis</i> (NCIB 775)	191	189	190	190	189	16	16	17	17	16	9	8	9	8	11
<i>S. aureus</i> (NCIB 8588)	135	134	134	134	135	>300	>300	>300	>300	>300	6	8	8	9	10
<i>B. subtilis</i> (NCIB 3610)	36	36	38	38	39	8	8	9	10	10	12	13	14	16	17
<i>K. pneumonia</i> (NCIB 418)	11	14	15	15	15	276	275	277	276	275	14	14	14	15	15
<i>E. coli</i> (NCIB 86)	25	23	23	24	23	201	199	198	199	199	69	70	70	71	70
<i>P. vulgaris</i> (LIO)	70	71	75	71	72	>300	>300	>300	>300	>300	19	21	21	24	20

Table S8. Colony count for ampicillin and *n*-hexane fraction combination at 1/2 × MIC.

Organisms	N-hex1	N-hex2	N-hex3	N-hex4	N-hex5	amp1	amp2	amp3	amp4	amp5	amp1 + N-hex1	amp1 + N-hex2	amp1 + N-hex3	amp1 + N-hex4	amp1 + N-hex5
<i>B. anthracis</i> (LIO)	85	84	85	85	85	127	130	129	129	129	7	9	7	8	8
<i>P. aureginosa</i> (NCIB 950)	98	99	101	99	99	165	166	167	166	167	72	71	71	71	70
<i>B. stearothermophilus</i> (NCIB 8222)	231	233	231	233	231	57	60	62	61	61	5	4	4	5	4
<i>B. cereus</i> (NCIB 6349)	85	84	85	85	86	54	55	55	55	56	6	6	7	6	5
<i>B. polymyxa</i> (LIO)	132	133	133	132	132	72	71	17	72	72	6	5	5	6	5
<i>C. pyogenes</i> (LIO)	121	123	124	124	125	75	76	76	75	75	5	4	4	4	5
<i>P. fluorescens</i> (NCIB 3756)	88	89	87	87	89	65	69	69	68	68	8	8	7	6	7
<i>C. sporogenes</i> (NCIB 532)	26	27	25	25	25	45	44	46	46	45	14	14	15	15	16
<i>M. luteus</i> (NCIB 196)	85	84	86	85	85	52	52	52	54	53	5	5	5	5	6
<i>E. faecalis</i> (NCIB 775)	201	201	203	203	201	77	78	76	78	78	2	2	3	2	2
<i>S. aureus</i> (NCIB 8588)	255	254	255	254	253	116	117	118	117	117	21	22	23	23	21
<i>B. subtilis</i> (NCIB 3610)	12	13	9	11	10	69	71	70	70	72	5	3	5	4	6
<i>K. pneumonia</i> (NCIB 418)	13	15	15	14	15	95	94	94	97	96	13	14	14	15	13
<i>E. coli</i> (NCIB 86)	23	25	24	24	25	35	34	34	35	35	15	14	14	15	14
<i>P. vulgaris</i> (LIO)	85	87	87	86	86	142	143	142	143	143	7	7	6	6	7

Key: P.F = *Ps. fluorescens*, E.F = *E. faecalis*, N-hex = *n*-hexane fraction, strep = streptomycin, pen = penicillin, amp = ampicillin, tet = tetracycline, strep + N-hex = combination of streptomycin and *n*-hexane fraction, tet + N-hex = combination of tetracycline and *n*-hexane, amp + N-hex = combination of ampicillin and *n*-hexane, pen + N-hex = combination of penicillin and *n*-hexane fraction.

Table S9. The effect of the combination of *n*-hexane fraction and streptomycin on protein leakage from *E. faecalis*.

Time (min)	Means Protein Leaked from E.F at Control (ug/mL)	Means Protein Leaked from E.F at 1 × MIC n-Hexane Fraction (ug/mL)	Means Protein Leaked from E.F at 1 × MIC Strep (ug/mL)	Means Protein Leaked from E.F at 1 × MIC n-Hexane Fraction + Strep (ug/mL)	Means Protein Leaked from E.F at 1/2 × MIC n-Hexane Fraction (ug/mL)	Means Protein Leaked from E.F at 1/2 × MIC Strep (ug/mL)	Means Protein Leaked from E.F at 1/2 × MIC n-Hexane Fraction + Strep (ug/mL)
0	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00
15	0.65 ± 0.01	2.29 ± 0.01	4.47 ± 0.01	14.86 ± 0.00	0.66 ± 0.01	0.66 ± 0.01	0.67 ± 0.02
30	1.20 ± 0.01	11.04 ± 0.01	9.26 ± 0.18	27.44 ± 0.01	9.39 ± 0.01	1.21 ± 0.01	14.33 ± 0.02
45	6.76 ± 0.01	16.51 ± 0.01	14.87 ± 0.01	35.63 ± 0.01	14.88 ± 0.02	14.86 ± 0.00	20.89 ± 0.01
60	11.03 ± 0.01	26.34 ± 0.01	27.44 ± 0.01	47.10 ± 0.00	20.88 ± 0.02	19.23 ± 0.00	29.08 ± 0.01
75	11.03 ± 0.01	27.43 ± 0.01	27.45 ± 0.01	54.76 ± 0.01	22.51 ± 0.00	22.51 ± 0.01	32.35 ± 0.01
90	27.44 ± 0.01	29.09 ± 0.01	35.62 ± 0.01	132.34 ± 0.00	50.38 ± 0.00	50.39 ± 0.01	42.18 ± 0.00
105	27.43 ± 0.01	63.48 ± 0.01	77.71 ± 0.01	225.79 ± 0.00	50.38 ± 0.02	66.78 ± 0.01	89.73 ± 0.01
120	39.42 ± 0.00	109.39 ± 0.00	115.96 ± 0.01	414.33 ± 0.02	99.56 ± 0.00	93.07 ± 0.05	191.35 ± 0.01

Key: E.F = *E. faecalis*, n-hex = *n*-hexane fraction, strep = streptomycin, strep + n-hex = combination of streptomycin and *n*-hexane fraction.

Table S10. The effect of the combination of *n*-hexane fraction and streptomycin on protein leakage from *Ps. aureginosa*.

Time (min)	Means Protein Leaked from P.A at Contro (ug/mL)	Means Protein Leaked from P.A at 1 × MIC n-Hexane Fraction (ug/mL)	Means Protein Leaked from P.A at 1 × MIC Strep (ug/mL)	Means Protein Leaked from P.A at 1 × MIC n-Hexane Fraction + Strep (ug/mL)	Means Protein Leaked from P.A at 1/2 × MIC n-Hexane Fraction (ug/mL)	Means Protein Leaked from P.A at 1/2 × MIC Strep (ug/mL)	Means Protein Leaked from P.A at 1/2 × MIC n-Hexane Fraction + Strep (ug/mL)
0	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00
15	1.21 ± 0.01	1.21 ± 0.01	1.21 ± 0.01	8.86 ± 0.01	1.20 ± 0.00	1.21 ± 0.01	1.21 ± 0.01
30	1.21 ± 0.01	1.22 ± 0.02	3.94 ± 0.01	14.87 ± 0.01	1.21 ± 0.00	1.21 ± 0.01	1.22 ± 0.02
45	3.94 ± 0.01	8.30 ± 0.00	13.22 ± 0.00	22.51 ± 0.00	6.11 ± 0.00	6.12 ± 0.01	13.23 ± 0.01
60	6.13 ± 0.02	15.97 ± 0.02	19.23 ± 0.00	30.16 ± 0.00	7.75 ± 0.00	13.77 ± 0.00	20.88 ± 0.01
75	6.13 ± 0.02	14.31 ± 0.00	19.78 ± 0.01	33.98 ± 0.01	12.68 ± 0.00	17.59 ± 0.01	23.61 ± 0.01
90	9.04 ± 0.01	19.23 ± 0.00	27.44 ± 0.01	56.93 ± 0.00	17.60 ± 0.01	20.32 ± 0.01	102.84 ± 0.00
105	9.04 ± 0.01	50.38 ± 0.00	61.31 ± 0.01	142.19 ± 0.00	22.51 ± 0.00	56.94 ± 0.01	117.60 ± 0.01
120	10.01 ± 0.00	106.11 ± 0.00	85.36 ± 0.01	256.94 ± 0.01	75.72 ± 0.00	67.90 ± 0.01	165.13 ± 0.00

Key: P.A = *Ps. aureginosa*, n-hex = *n*-hexane fraction, strep = streptomycin, strep + n-hex = combination of streptomycin and *n*-hexane fraction.

Table S11. Standard curve for bovine serum albumin.

s/n	Bovine Serum Albumin (mL)	Sterile Distilled Water (mL)	Bradford Reagent Added (mL)	Total Volume (mL)	Bradford Reagent Added (mL)	Bovine Serum Albumin ($\mu\text{g/mL}$)	Abs 1 (595 nm)	Abs 2 (595 nm)	Abs3 (595 nm)	Mean $\pm$ SD (595 nm)
1	0.00	1.60	0.4	2.00	0.4	0	0.00	0.00	0.00	0.00 $\pm$ 0.00
2	0.10	1.50	0.4	2.00	0.4	10	0.15	0.14	0.16	0.15 $\pm$ 0.01
3	0.20	1.40	0.4	2.00	0.4	20	0.28	0.27	0.28	0.28 $\pm$ 0.01
4	0.30	1.30	0.4	2.00	0.4	30	0.41	0.39	0.40	0.40 $\pm$ 0.01
5	0.40	1.20	0.4	2.00	0.4	40	0.52	0.50	0.54	0.52 $\pm$ 0.02
6	0.50	1.10	0.4	2.00	0.4	50	0.68	0.67	0.68	0.68 $\pm$ 0.01
7	0.60	1.00	0.4	2.00	0.4	60	0.84	0.83	0.85	0.84 $\pm$ 0.01
8	0.70	0.90	0.4	2.00	0.4	70	0.93	0.93	0.93	0.93 $\pm$ 0.00
9	0.80	0.80	0.4	2.00	0.4	80	0.99	0.96	0.97	0.97 $\pm$ 0.02
10	0.90	0.70	0.4	2.00	0.4	90	1.08	1.10	1.09	1.09 $\pm$ 0.01
11	1.00	0.60	0.4	2.00	0.4	100	1.20	1.20	1.20	1.20 $\pm$ 0.00

Key: Abs1: First absorbance reading for a particular concentration, Abs2: Second absorbance reading for a particular concentration; Abs3: Third absorbance reading for a particular concentration, Mean $\pm$ SD: Mean standard deviation.

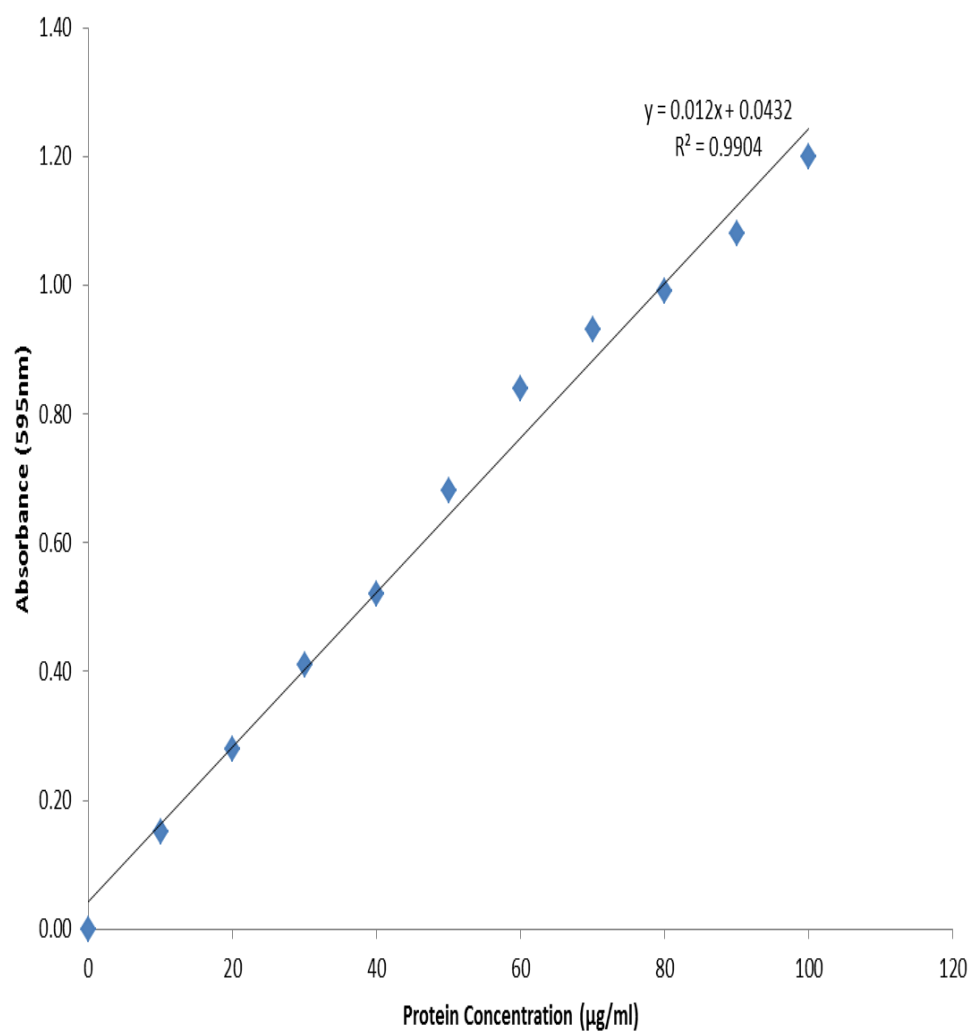


Figure S1. Caption Standard curve graph for bovine serum albumin.