

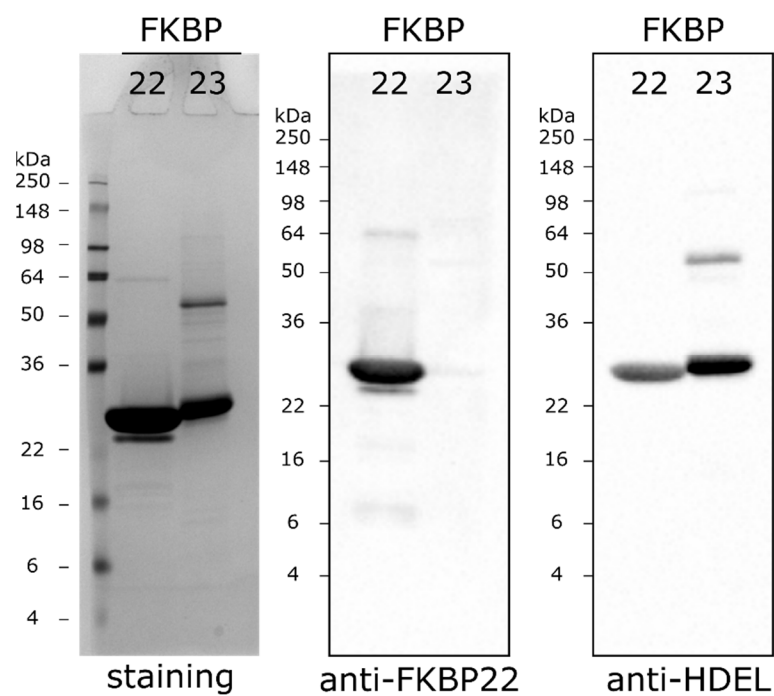


Figure S1. Uncropped images of GelCode Blue Stained SDS/PAGE gel and Western blots presented in Figure 1B

Table S1. The sequences of Collagen II and III Toolkit peptides used for coating on a 96 well plate.

Collagen II Toolkit Peptides		Collagen III Toolkit Peptides	
1	GPC- (GPP) 5-GPMGPMGPRGPOGPAGAOGPQGFQGNQ- (GPP) 5-GPC-NH ₂	1	GPC- (GPP) 5-GLAGYOGPAGPOGPOGPOGSTSGHOGSO- (GPP) 5-GPC-NH ₂
2	GPC- (GPP) 5-GPQGFQGNQOGEQOGEVSGPMGPRGPO- (GPP) 5-GPC-NH ₂	2	GPC- (GPP) 5-GTSGHOGSOGSOGYQGPQOGEQOAGPS- (GPP) 5-GPC-NH ₂
3	GPC- (GPP) 5-GPMGPRGPOGPOGKOGDDGEAGKOGKA- (GPP) 5-GPC-NH ₂	3	GPC- (GPP) 5-GEQGAGPSGPOGPOGAIGPSGPAGKD- (GPP) 5-GPC-NH ₂
4	GPC- (GPP) 5-GEAGKOGKAGERGPOGPGQARGFOGTO- (GPP) 5-GPC-NH ₂	4	GPC- (GPP) 5-GPSGPAGKDGESGROGROGERGLOGPO- (GPP) 5-GPC-NH ₂
5	GPC- (GPP) 5-GARGFOGTOGLOGVKGHRGYOGLDGAK- (GPP) 5-GPC-NH ₂	5	GPC- (GPP) 5-GERGLOGPOGIKGPAGIOGFOGMKGHR- (GPP) 5-GPC-NH ₂
6	GPC- (GPP) 5-GYOGLDGAKGEAGAOGVKGESGSOGEN- (GPP) 5-GPC-NH ₂	6	GPC- (GPP) 5-GFOGMKGHRGFDGRNGEKGETGAOGLK- (GPP) 5-GPC-NH ₂
7	GPC- (GPP) 5-GESGSOGENSGOFGMGPRLGGERGRT- (GPP) 5-GPC-NH ₂	7	GPC- (GPP) 5-GETGAOGLKGENGLOGENGAOGPMGPR- (GPP) 5-GPC-NH ₂
8	GPC- (GPP) 5-GLOGERGTGPAGAAAGAGNDGQOGPA- (GPP) 5-GPC-NH ₂	8	GPC- (GPP) 5-GAOGPMGPRGAOGERGROGLOGAAGAR- (GPP) 5-GPC-NH ₂
9	GPC- (GPP) 5-GNDGQOGFAGPOGPFVGPAGGOGFOGAO- (GPP) 5-GPC-NH ₂	9	GPC- (GPP) 5-GLOGAAGAGNDGARGSDGQOGPOGPO- (GPP) 5-GPC-NH ₂
10	GPC- (GPP) 5-GGOGFOGAOGAKGEAGTGPARGPEGAQ- (GPP) 5-GPC-NH ₂	10	GPC- (GPP) 5-GQPGPOGPOGTAGFOGSOAGKEVGPA- (GPP) 5-GPC-NH ₂
11	GPC- (GPP) 5-GARGPEGAQGPGEQTOGSOGPAGAS- (GPP) 5-GPC-NH ₂	11	GPC- (GPP) 5-GAKGEVGPAOGSOGSNGAOGQROGPO- (GPP) 5-GPC-NH ₂
12	GPC- (GPP) 5-GSOGPAGASNGOGTDGLOGAKGSAGAO- (GPP) 5-GPC-NH ₂	12	GPC- (GPP) 5-GQROGPOGQGHAGAQGPOGPOGINGSO- (GPP) 5-GPC-NH ₂
13	GPC- (GPP) 5-GAKGSAGAOGIAAGFOGPRGPOGPQ- (GPP) 5-GPC-NH ₂	13	GPC- (GPP) 5-GPOGINGSOGGKGMGPAGIOGAOGLM- (GPP) 5-GPC-NH ₂
14	GPC- (GPP) 5-GPRGPOGPGATGPLGPKGTGEOGIA- (GPP) 5-GPC-NH ₂	14	GPC- (GPP) 5-GIOGAOGLMGARGPOGPAGANGAOLR- (GPP) 5-GPC-NH ₂
15	GPC- (GPP) 5-GQTGEOGIAGFKGEQGPKEGPOGPAQP- (GPP) 5-GPC-NH ₂	15	GPC- (GPP) 5-GANGAOLRGAGGEOGKNGAKGEOGPR- (GPP) 5-GPC-NH ₂
16	GPC- (GPP) 5-GEQGPAGPQGAOGPAGGEGKRGARGEO- (GPP) 5-GPC-NH ₂	16	GPC- (GPP) 5-GAKGEOGPRGERGAGIOGVOGAKGED- (GPP) 5-GPC-NH ₂
17	GPC- (GPP) 5-GKRARGEOGVGPIGPOGERGAOGR- (GPP) 5-GPC-NH ₂	17	GPC- (GPP) 5-GVOGAKGEDGKDGSGOEGANGLOGAA- (GPP) 5-GPC-NH ₂
18	GPC- (GPP) 5-GERGAOGRNGFOGQDGLAGPKGAOGER- (GPP) 5-GPC-NH ₂	18	GPC- (GPP) 5-GANGLOGAAGERGAOGFRGPAGPNGIO- (GPP) 5-GPC-NH ₂
19	GPC- (GPP) 5-GPKGAOGERGPGSLAGPKGANGDOGRO- (GPP) 5-GPC-NH ₂	19	GPC- (GPP) 5-GPAGPNGIOGEGKGPAGERGAOGPAGPR- (GPP) 5-GPC-NH ₂
20	GPC- (GPP) 5-GANGDOGROGEOGLOGARGLTGROGDA- (GPP) 5-GPC-NH ₂	20	GPC- (GPP) 5-GAOGPAGPRGAAGEOGRDVGOGGOMR- (GPP) 5-GPC-NH ₂
21	GPC- (GPP) 5-GLTGROGDAGPQGVGPSGAOGEDGRO- (GPP) 5-GPC-NH ₂	21	GPC- (GPP) 5-GVOGGOMRGMOSOGGOGSDGKOGPO- (GPP) 5-GPC-NH ₂
22	GPC- (GPP) 5-GAOGEDGROGPOGPGQARGQOGVMGFO- (GPP) 5-GPC-NH ₂	22	GPC- (GPP) 5-GSDGKOGPOGSQGESGROGPOGSPGR- (GPP) 5-GPC-NH ₂
23	GPC- (GPP) 5-GQOGVMGPOGPKGANGEOGKAGEKLO- (GPP) 5-GPC-NH ₂	23	GPC- (GPP) 5-GPOGSPGPRGQOGVMGFOGPKGNDGAO- (GPP) 5-GPC-NH ₂
24	GPC- (GPP) 5-GKAGEKLOGAOLRLOGKDGEGTAA- (GPP) 5-GPC-NH ₂	24	GPC- (GPP) 5-GPKGNDGAOGKNGERGOGGOGPOGPO- (GPP) 5-GPC-NH ₂
25	GPC- (GPP) 5-GKDGETGAAGPOGPAGPAGERGEQGAO- (GPP) 5-GPC-NH ₂	25	GPC- (GPP) 5-GGOGPQGPQGNGETGPQGPPOGTPGP- (GPP) 5-GPC-NH ₂
26	GPC- (GPP) 5-GERGEQGAOGPSGFGLOGPOGPOGEG- (GPP) 5-GPC-NH ₂	26	GPC- (GPP) 5-GPOGPTGPGDKGDTGPOGPQGLQGLQ- (GPP) 5-GPC-NH ₂
27	GPC- (GPP) 5-GPOGPOGEGGKOGDQVOGEAGAOLV- (GPP) 5-GPC-NH ₂	27	GPC- (GPP) 5-GPQGLQLOGTGGPOGENGKOGEOGPK- (GPP) 5-GPC-NH ₂
28	GPC- (GPP) 5-GEAGAOLVGPGRGERGFOGERGSOGAQ- (GPP) 5-GPC-NH ₂	28	GPC- (GPP) 5-GKOGEOGPKGDAGAOAGGKGDAGAO- (GPP) 5-GPC-NH ₂
29	GPC- (GPP) 5-GERGSOGAQGLQGPRLGLOGTGTGPK- (GPP) 5-GPC-NH ₂	29	GPC- (GPP) 5-GGKGDAGAOGERGPOGLAGAOGLRGA- (GPP) 5-GPC-NH ₂
30	GPC- (GPP) 5-GTOGTGDPKGAAGPAGPOGAQPOGLQ- (GPP) 5-GPC-NH ₂	30	GPC- (GPP) 5-GAOLRGGAGPOGPEGGKGAAGPOGPO- (GPP) 5-GPC-NH ₂
31	GPC- (GPP) 5-GAQGPQGLQMOGERGAAGIAGPKGDR- (GPP) 5-GPC-NH ₂	31	GPC- (GPP) 5-GAAGPOGPOGAAGTOGLQMOGERGGL- (GPP) 5-GPC-NH ₂
32	GPC- (GPP) 5-GIAGPKGDRGDVGKGPAGKDGGR- (GPP) 5-GPC-NH ₂	32	GPC- (GPP) 5-GMOGERGGLSGOGPKDGKGOGGOGAD- (GPP) 5-GPC-NH ₂
33	GPC- (GPP) 5-GAOGKDGRLGTPIGPOGPAGANGEK- (GPP) 5-GPC-NH ₂	33	GPC- (GPP) 5-GEOGGOGADGVOGKDGPRGPTGPIGP- (GPP) 5-GPC-NH ₂
34	GPC- (GPP) 5-GPAGANGEKGEVGPAGPAGSAGARGAO- (GPP) 5-GPC-NH ₂	34	GPC- (GPP) 5-GPTGPIGPOGPAGQOGDKGEGGAOGLQ- (GPP) 5-GPC-NH ₂
35	GPC- (GPP) 5-GSAGARGAOGERGETGPOGPAGFAGPO- (GPP) 5-GPC-NH ₂	35	GPC- (GPP) 5-GEGGAOGLGAGPAGSOGERGETGPO- (GPP) 5-GPC-NH ₂
36	GPC- (GPP) 5-GPAGFAGPOGADQOGAKGEQGEAGQK- (GPP) 5-GPC-NH ₂	36	GPC- (GPP) 5-GERGETGPOGPAGFOGAOGQNGEOGK- (GPP) 5-GPC-NH ₂
37	GPC- (GPP) 5-GEQGEAGQKGDAGAOGPQGPSGAOGPO- (GPP) 5-GPC-NH ₂	37	GPC- (GPP) 5-GQNGEOGKGERGAOGEKGEQGPQVA- (GPP) 5-GPC-NH ₂
38	GPC- (GPP) 5-GPSGAOGPGQGTGVTGPKGARGAQGPO- (GPP) 5-GPC-NH ₂	38	GPC- (GPP) 5-GEQGPQGVAGPOGSGSPAGPOGPQGVK- (GPP) 5-GPC-NH ₂
39	GPC- (GPP) 5-GARGAQGPAGATGFOGAAGRVGPOGSN- (GPP) 5-GPC-NH ₂	39	GPC- (GPP) 5-GPOGPQGVKGERGSGOGGGAAGFOGAR- (GPP) 5-GPC-NH ₂
40	GPC- (GPP) 5-GRVGPQGSNGNOGPOGPOGSGKDGP- (GPP) 5-GPC-NH ₂	40	GPC- (GPP) 5-GAAGFOGARGLOGPOGSNGNOGPOGPS- (GPP) 5-GPC-NH ₂
41	GPC- (GPP) 5-GPSGKDGPKGARGDSGPOGRAGEOGLQ- (GPP) 5-GPC-NH ₂	41	GPC- (GPP) 5-GNOGPOGPGSGOGKDGPOGPAGNTGAO- (GPP) 5-GPC-NH ₂
42	GPC- (GPP) 5-GRAGEOGLQGPAGPOGEGKEOGDDGPS- (GPP) 5-GPC-NH ₂	42	GPC- (GPP) 5-GPAGNTGAOGSOGVSGPKDAGQOGEK- (GPP) 5-GPC-NH ₂
43	GPC- (GPP) 5-GEOGDDGPSGAEGPOGPGLAGQGRGIV- (GPP) 5-GPC-NH ₂	43	GPC- (GPP) 5-GDAGQOGEKSGOAGQGPAGAOGLGIA- (GPP) 5-GPC-NH ₂
44	GPC- (GPP) 5-GLAGQRGIVGLOGQRGGERGFOGLOGPS- (GPP) 5-GPC-NH ₂	44	GPC- (GPP) 5-GAOGPLGIAGITGARGLAGPOGMOGPR- (GPP) 5-GPC-NH ₂
45	GPC- (GPP) 5-GFOGLOGPSGEOGKQGAOGASGDRGPO- (GPP) 5-GPC-NH ₂	45	GPC- (GPP) 5-GPOGMOGPRGSGOPQGVKGESGKOGAN- (GPP) 5-GPC-NH ₂

46	GPC- (GPP) 5-GASGDRGPOGPFVGPOGLTGPAGEOGRE- (GPP) 5-GPC-NH ₂	46	GPC- (GPP) 5-GESGKOGANGLSGERGPOGPQGLLOLA- (GPP) 5-GPC-NH ₂
47	GPC- (GPP) 5-GPAGEOEGREGSOGADGPOGRDGAAGVK- (GPP) 5-GPC-NH ₂	47	GPC- (GPP) 5-GPQGLLOGLAGTAGEOGRDGNOSDGLLO- (GPP) 5-GPC-NH ₂
48	GPC- (GPP) 5-GRDGAAGVKGDRGETGAVGAOGAOGPO- (GPP) 5-GPC-NH ₂	48	GPC- (GPP) 5-GNOGSDGLOGRDGSOGGKGDRENGSO- (GPP) 5-GPC-NH ₂
49	GPC- (GPP) 5-GAOGAOGPOGSOGPAGFTGKQGDRGEA- (GPP) 5-GPC-NH ₂	49	GPC- (GPP) 5-GDRGENSGOGAOGAOGHOGPOGPVGPAA- (GPP) 5-GPC-NH ₂
50	GPC- (GPP) 5-GKQGDREAGAQQGPMGPSGPAGARGIQ- (GPP) 5-GPC-NH ₂	50	GPC- (GPP) 5-GPOGPVGPAGKSGDRGESGPAGPAGAA- (GPP) 5-GPC-NH ₂
51	GPC- (GPP) 5-GPAGARGIQGPQGPGRGDKGEAGEOGER- (GPP) 5-GPC-NH ₂	51	GPC- (GPP) 5-GPAGPAGAAOGPAGSRGAOGPQGPGRGDK- (GPP) 5-GPC-NH ₂
52	GPC- (GPP) 5-GEAGEOGERGLKGHRGFTGLQGLOGPO- (GPP) 5-GPC-NH ₂	52	GPC- (GPP) 5-GPQGPGRGDKGETGERGAAGIKGHRGFO- (GPP) 5-GPC-NH ₂
53	GPC- (GPP) 5-GLQGLLOGPOGPSGDQASGPAGPSGPR- (GPP) 5-GPC-NH ₂	53	GPC- (GPP) 5-GIKGHRGFOGNOGAOGSOGPAGQQGAI- (GPP) 5-GPC-NH ₂
54	GPC- (GPP) 5-GPAGPSGPRGPOGPFVGPSKDGANGIO- (GPP) 5-GPC-NH ₂	54	GPC- (GPP) 5-GPAGQQGAIGSOGPAGPRGPVGPSPGPO- (GPP) 5-GPC-NH ₂
55	GPC- (GPP) 5-GKDGANGIOGPIGPOGPRGRSGETGPA- (GPP) 5-GPC-NH ₂	55	GPC- (GPP) 5-GPVGPSGPOGKGTSGHOGPIGPOGPR- (GPP) 5-GPC-NH ₂
56	GPC- (GPP) 5-GPRGRSGETGPAGPOGNOGPOGPOGPO- (GPP) 5-GPC-NH ₂	56	GPC- (GPP) 5-GPIGPOGPRGNRGERGSEGSOGHOGQO- (GPP) 5-GPC-NH ₂
57	GPC- (GPP) 10-GPC-NH ₂	57	GPC- (GPP) 5-GERGSEGSOGHOGQOGPOGPOGAA- (GPP) 5-GPC-NH ₂
58	GCO- (GPO) 10-GCOG-NH ₂	58	GPC- (GPP) 10-GPC-NH ₂
59	GPC- (GPP) 5-GFOGER- (GPP) 5-GPC-NH ₂	59	GCO- (GPO) 10-GCOG-NH ₂
		60	GPC- (GPP) 5-GFOGER- (GPP) 5-GPC-NH ₂