

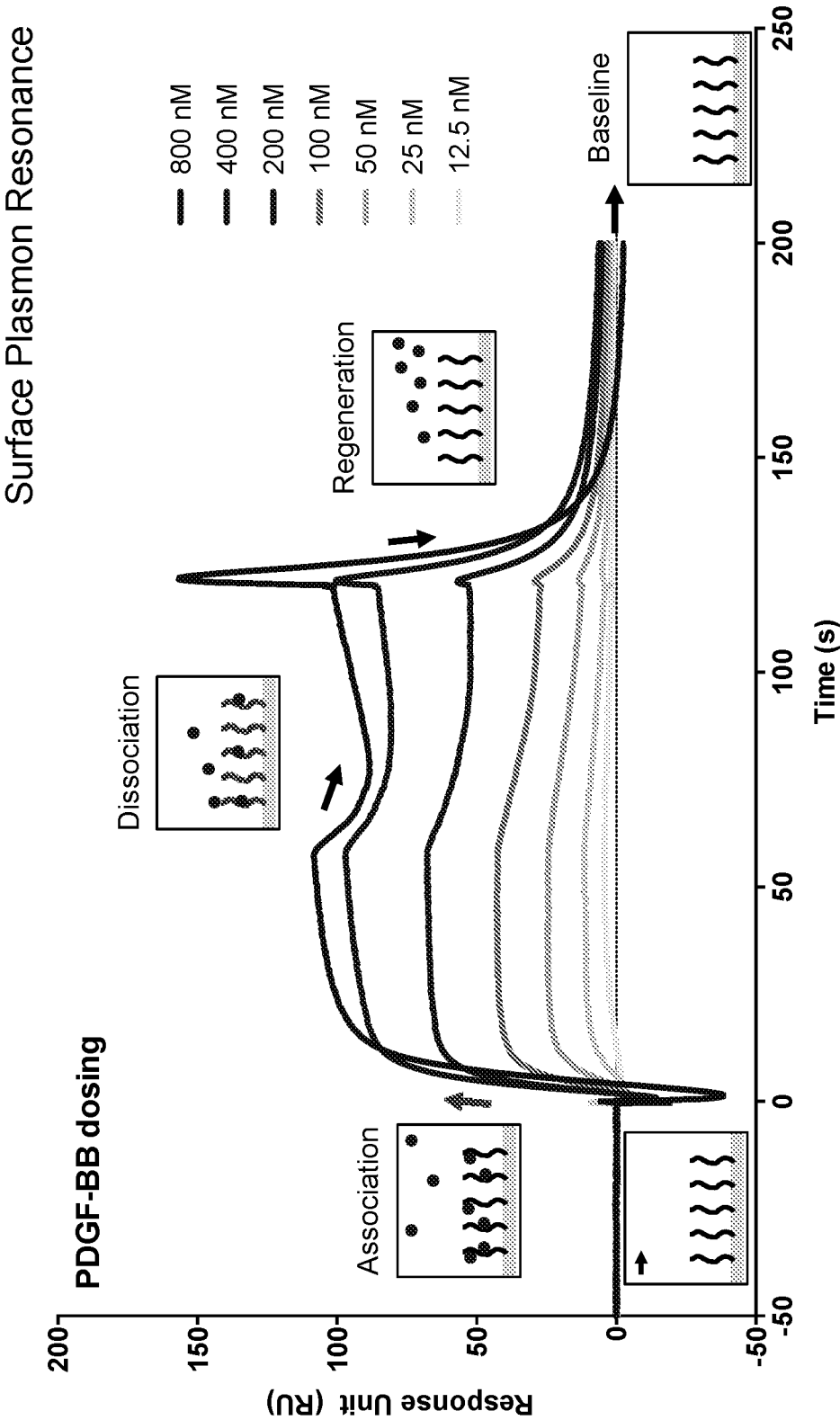


Figure 1

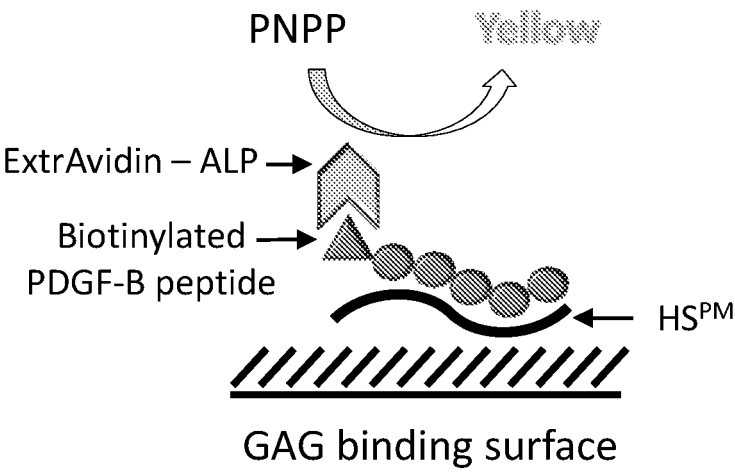


Figure 2A

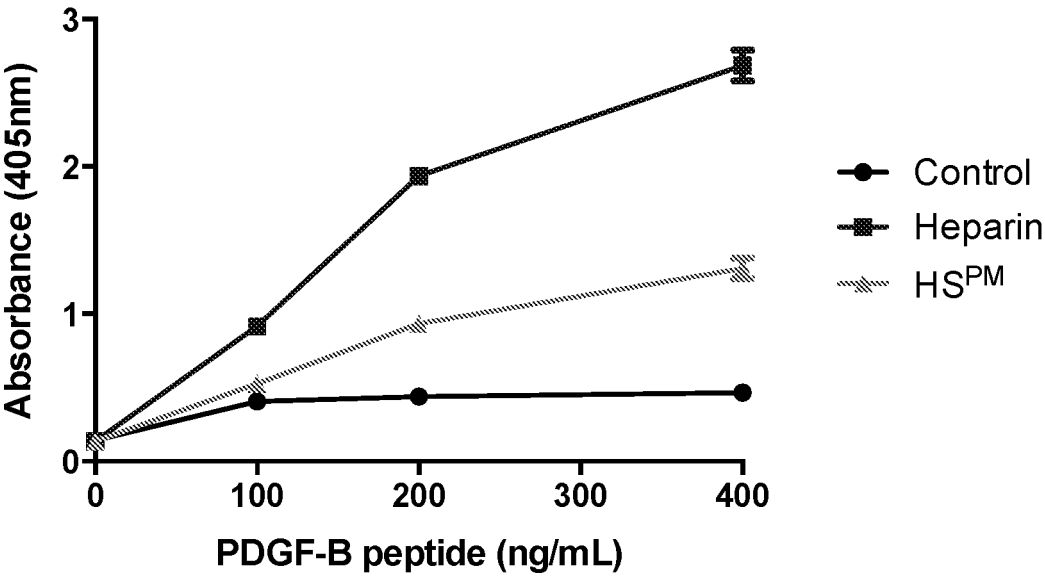


Figure 2B

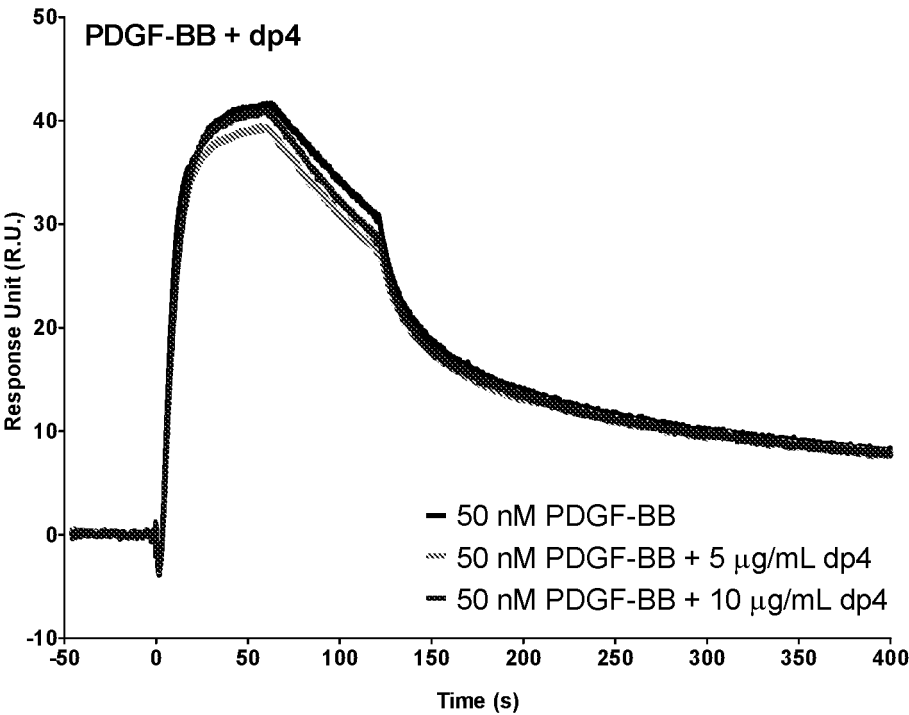


Figure 3A

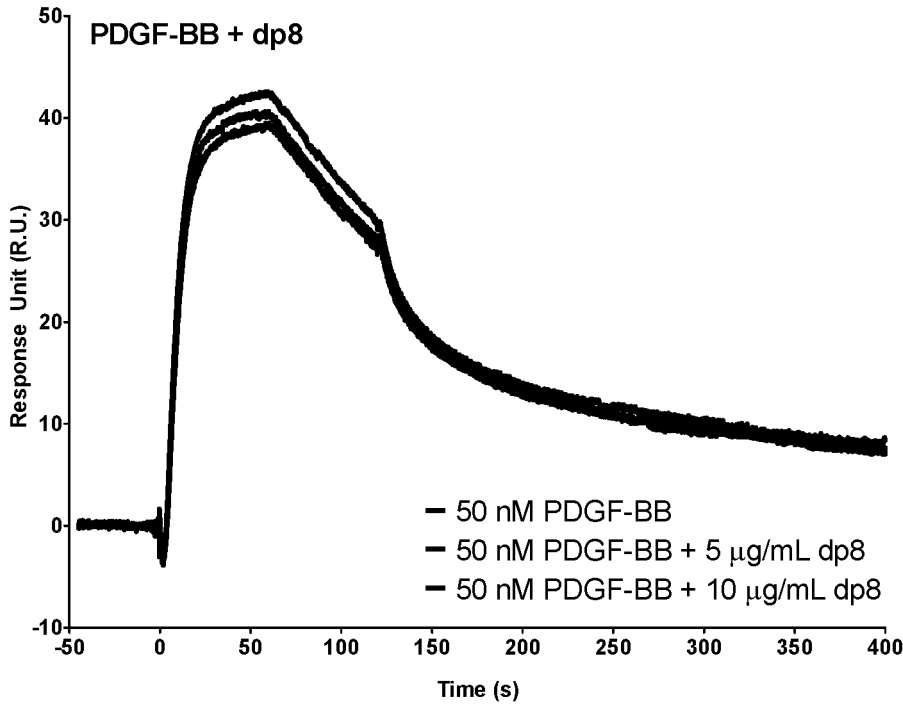


Figure 3B

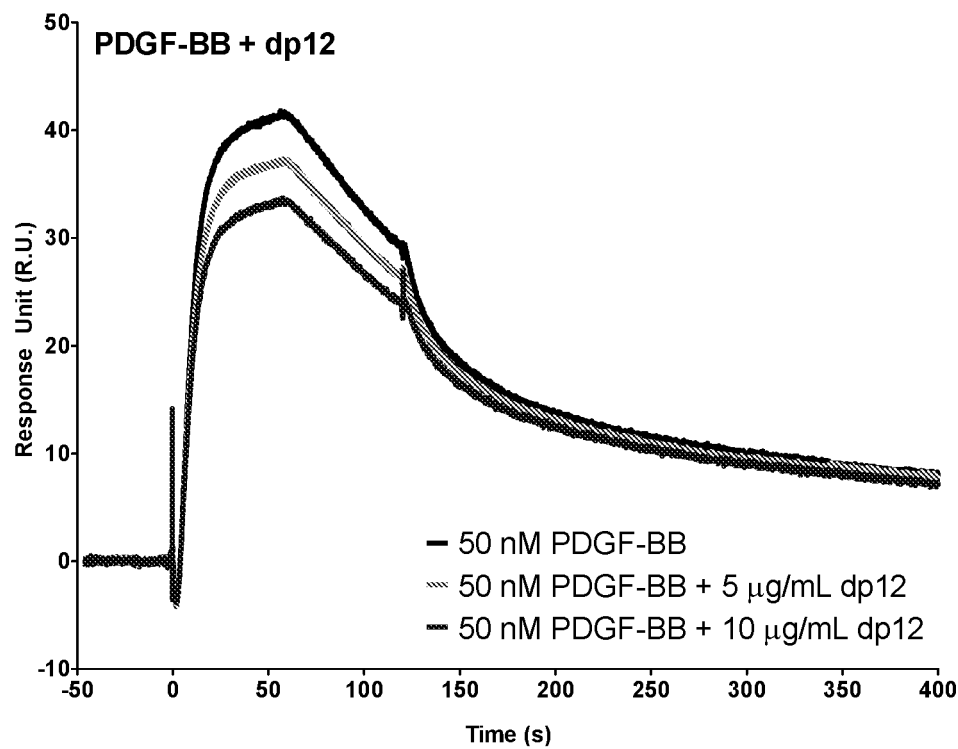


Figure 3C

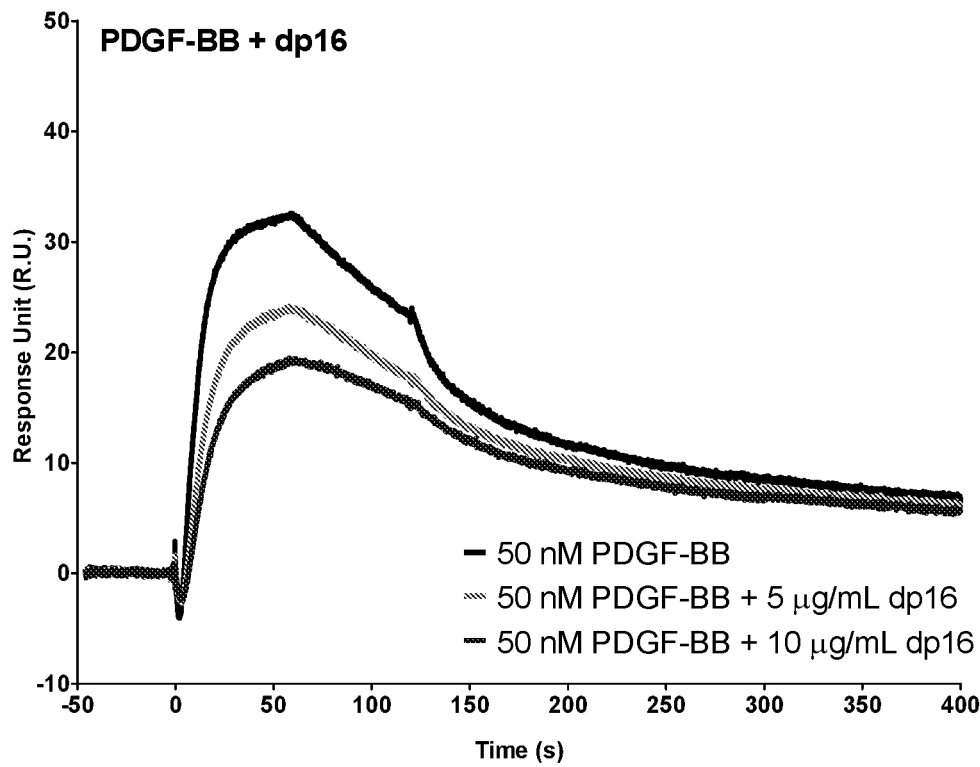


Figure 3D

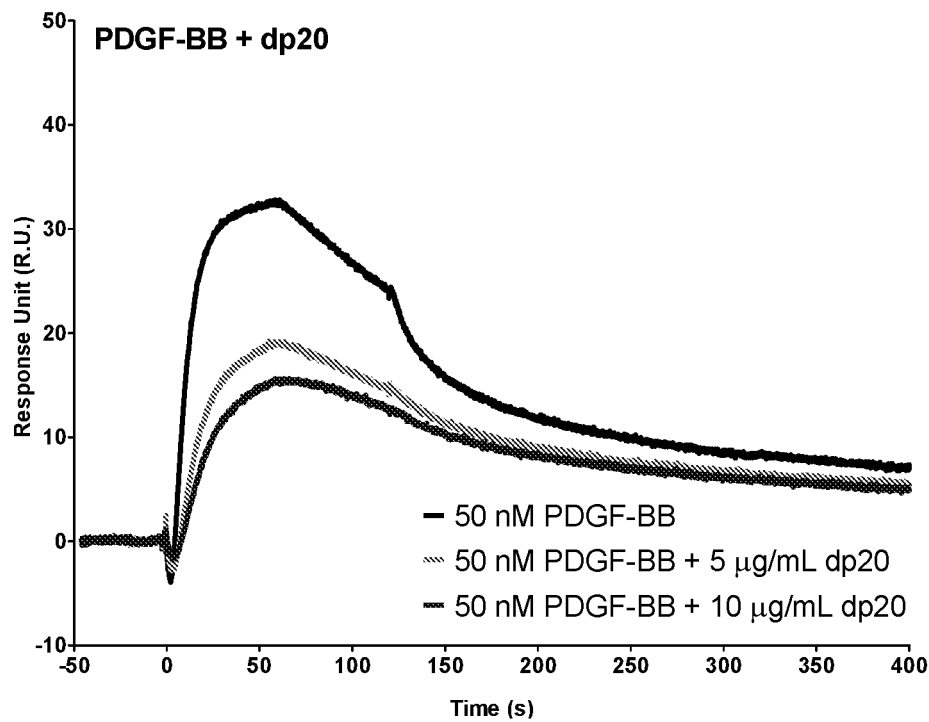


Figure 3E

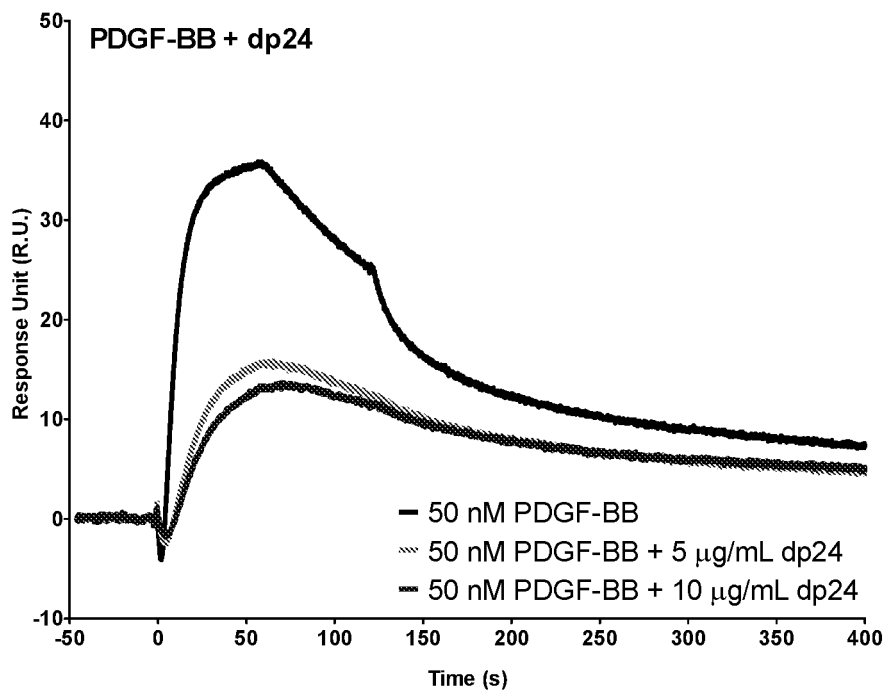


Figure 3F

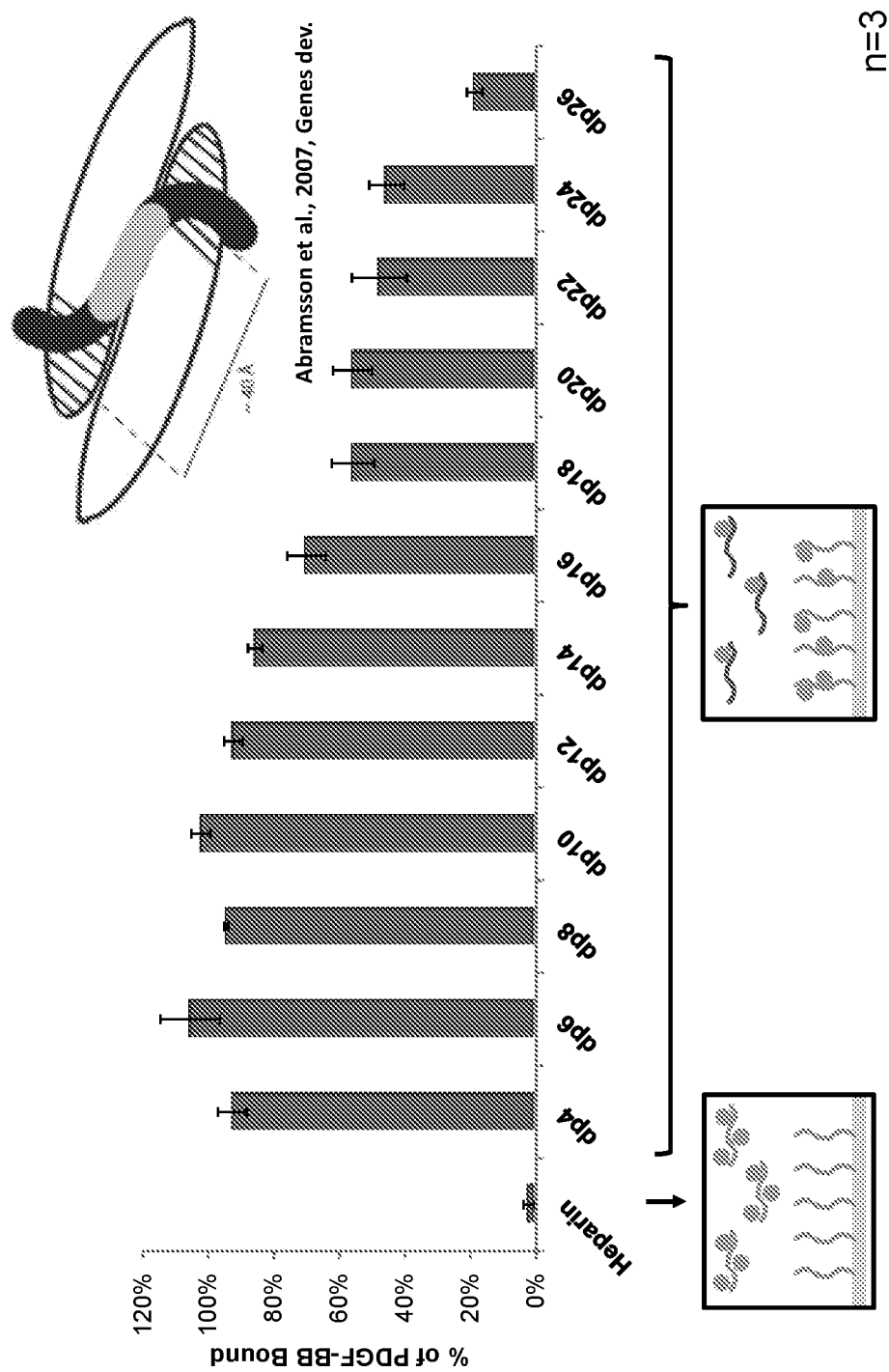


Figure 4

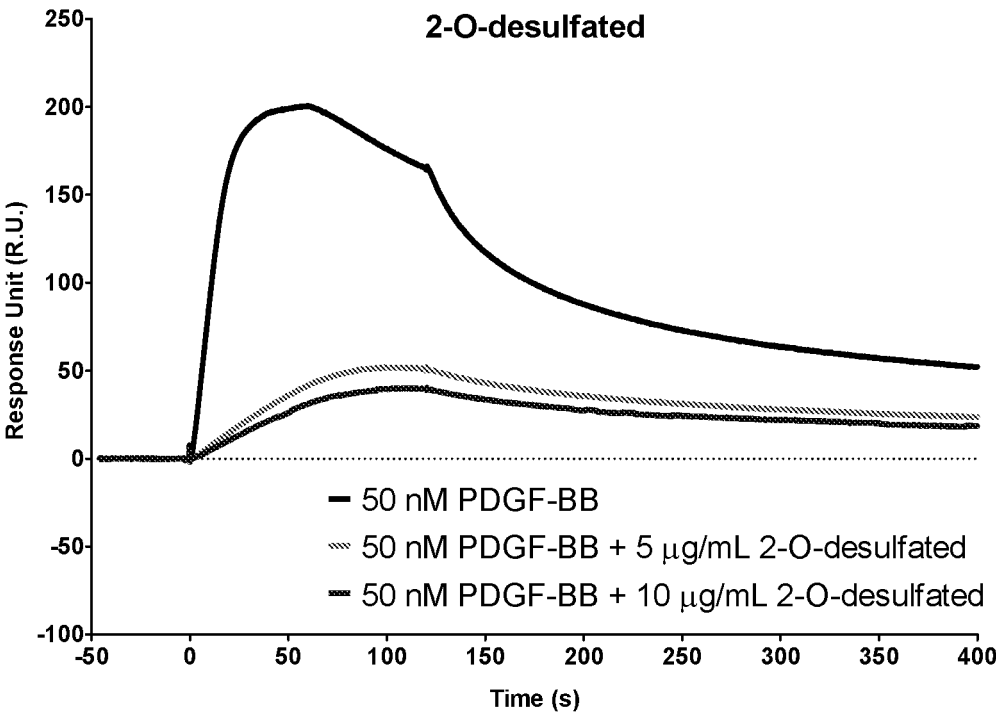


Figure 5A

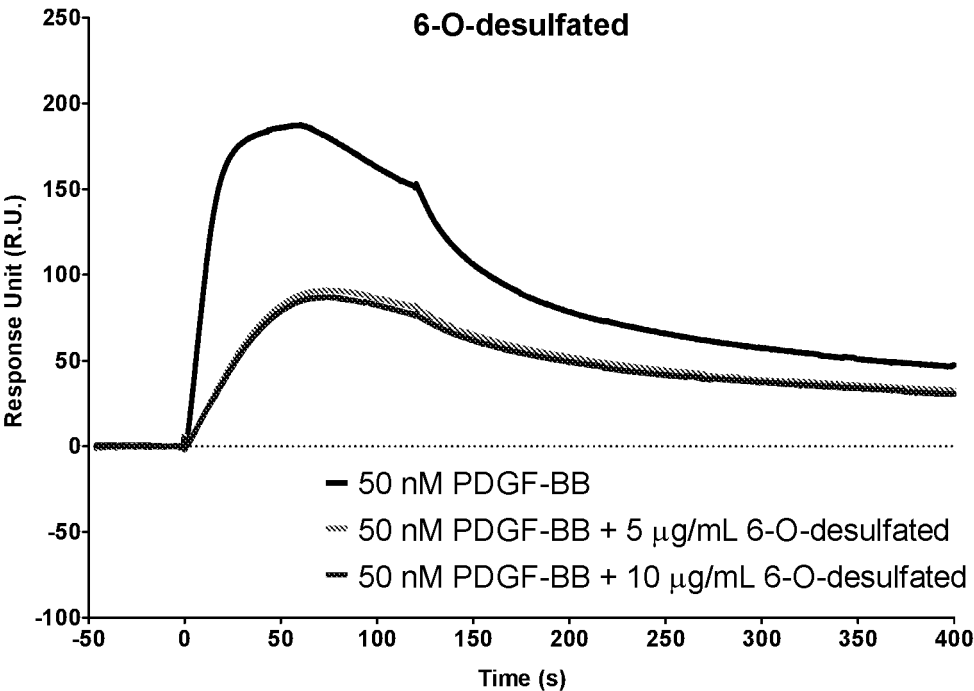


Figure 5B

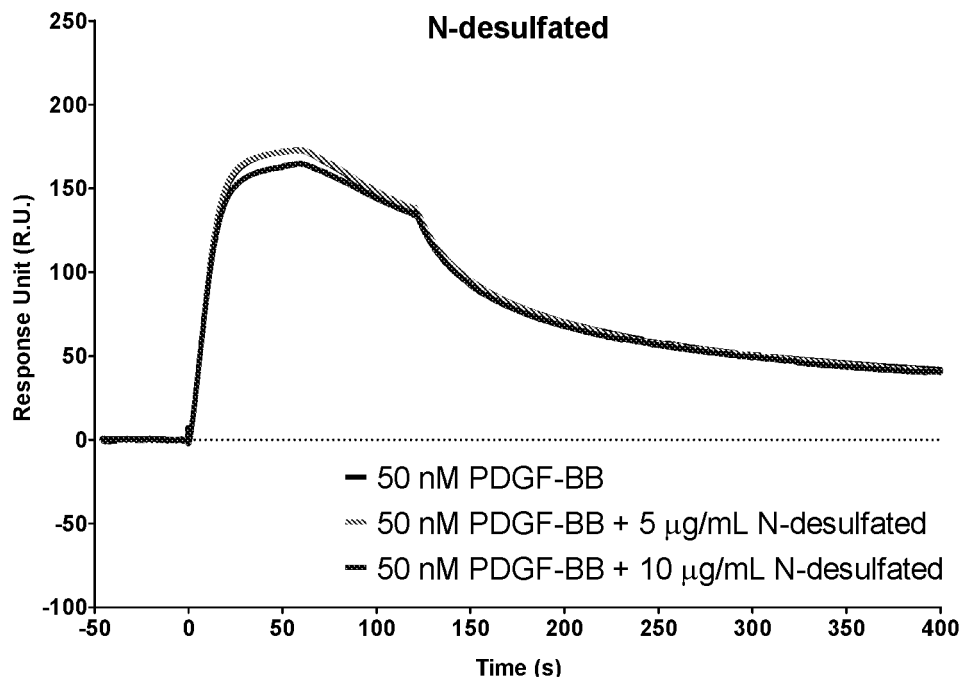


Figure 5C

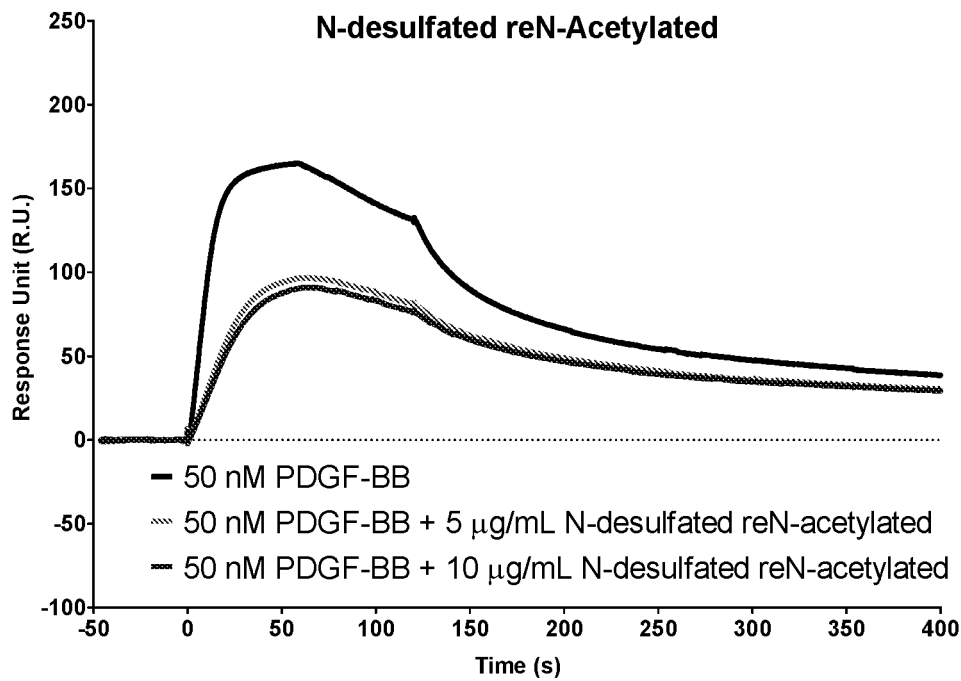


Figure 5D

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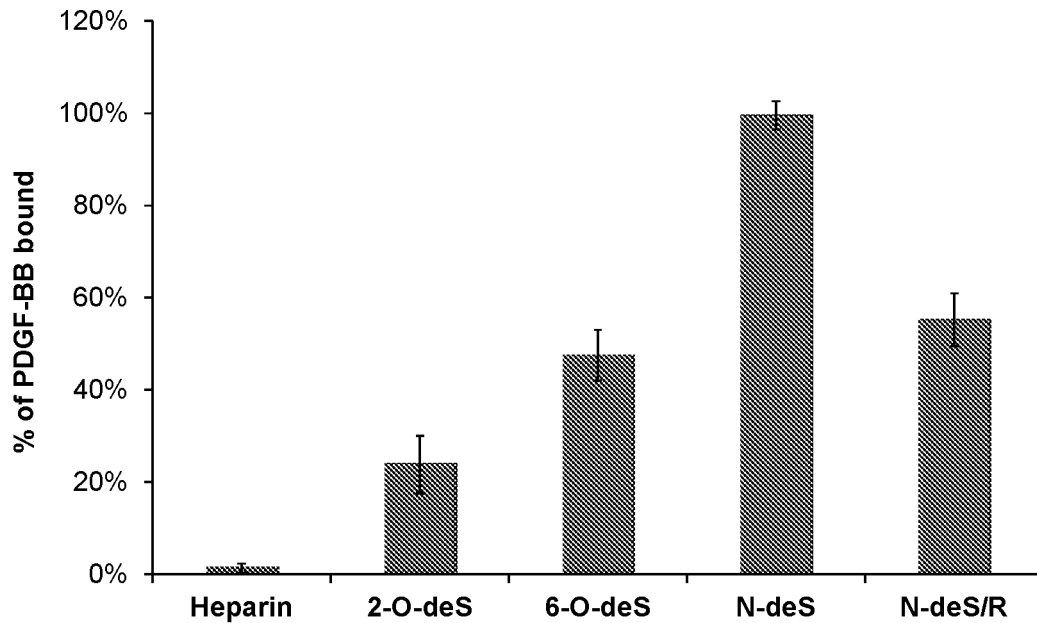


Figure 6

PDGF-B sequence: 241 aa

MNRCWALFLSLCCYLRLVSAEGDPIPE
 ELYEMLSDHSIRSFDDLQRLLHGDPE
 EDGAELDLNMTRSHSGGELESLARGR
 RSLGSLTIAEPAMIAECKTRTEVFEISR
 RLIDRTNANFLVWPPCVEVQRCSGCC
 NNRNVQCRPTQVQLRPVQVRKIEIVR
 KKPIFKKATVTLEDHLACKCETVAAARP
 VTRSPGGSQEQRAKTPQTRVTIRTVR
 VRRPPKGKHRKFKHThDKTALKETLG
 A

Biotin –

**RAKTPQTRVTIRTVR VRRPPKGKHRK
 FKHThDK**

33 aa peptide

Figure 7

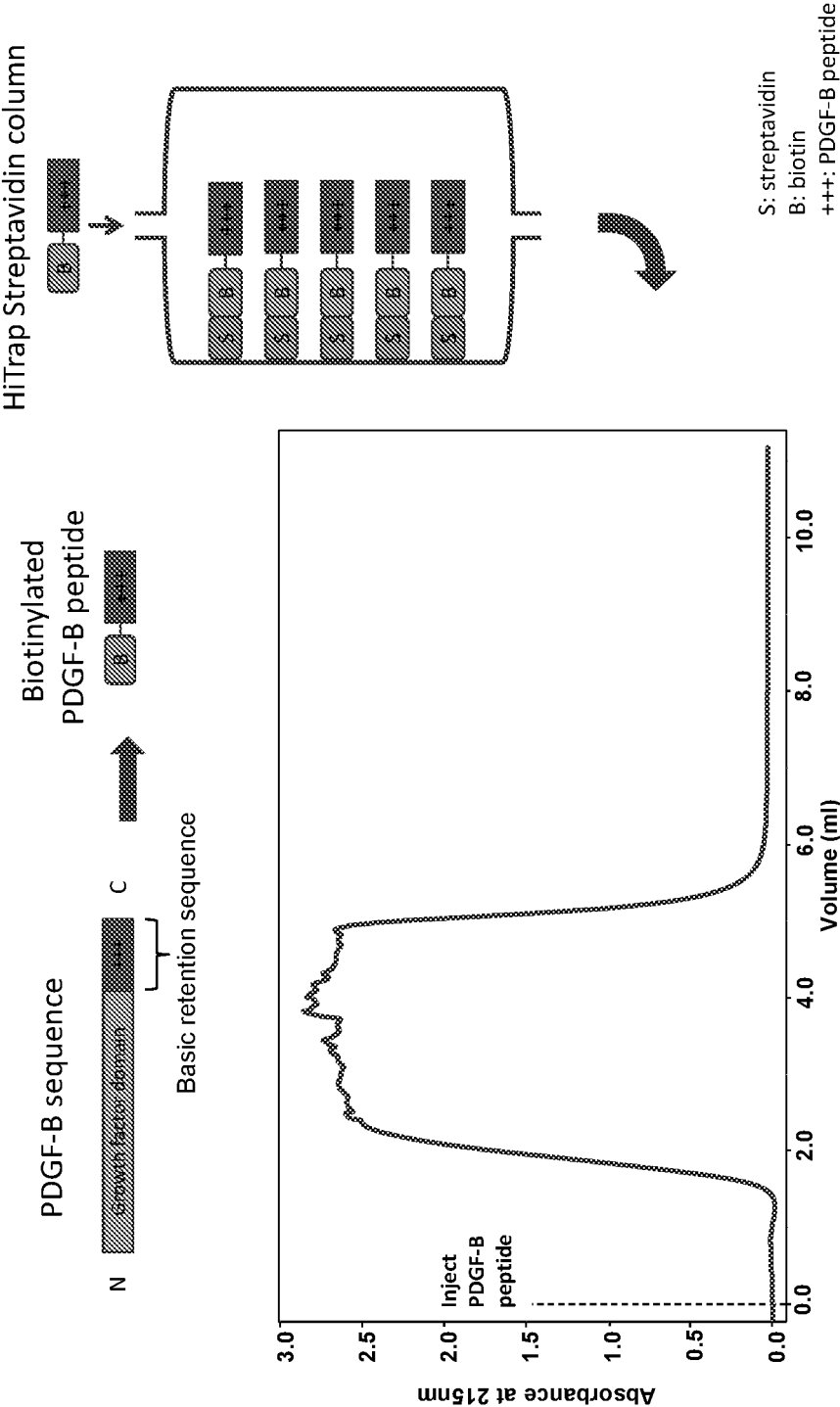


Figure 8

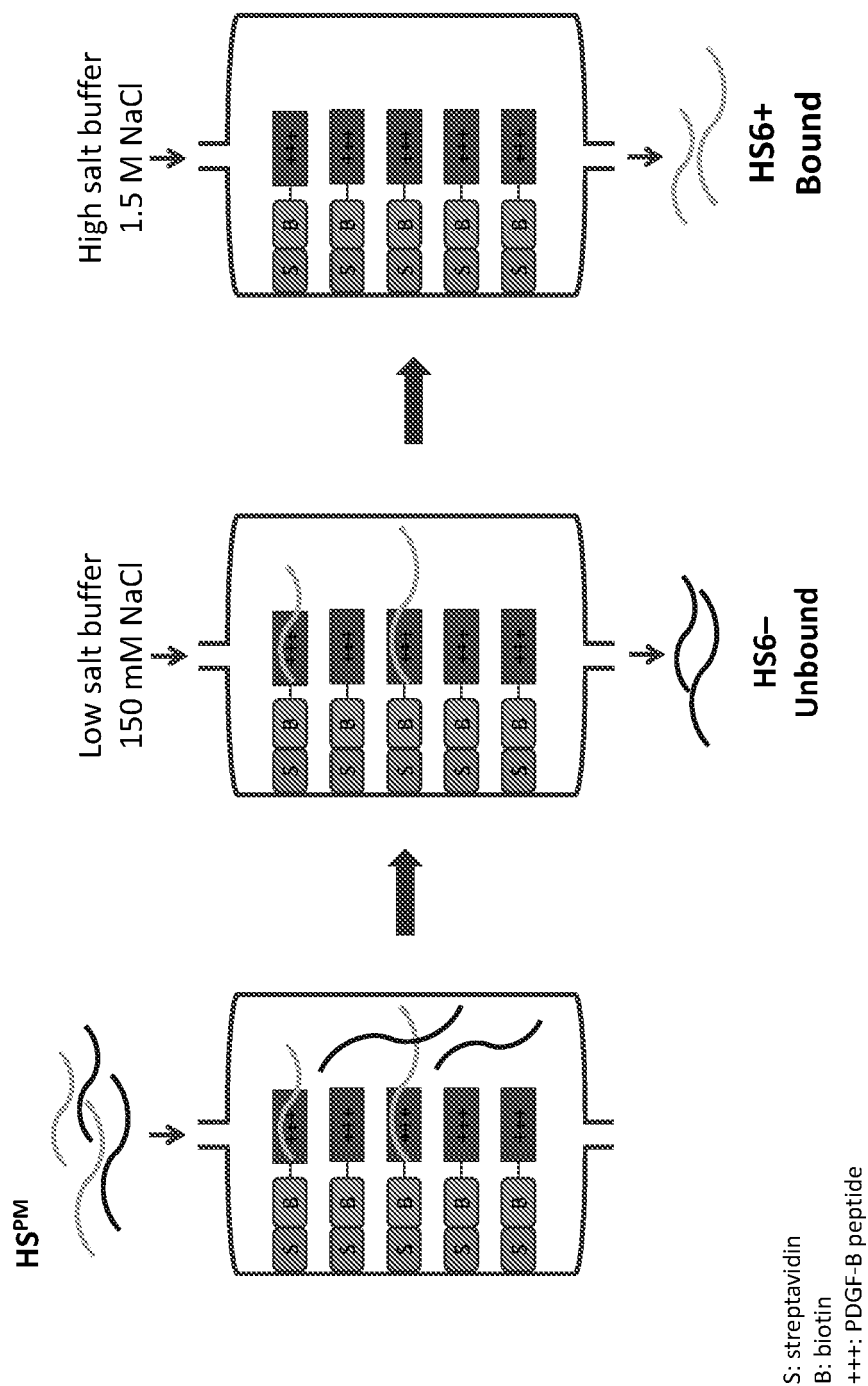


Figure 9

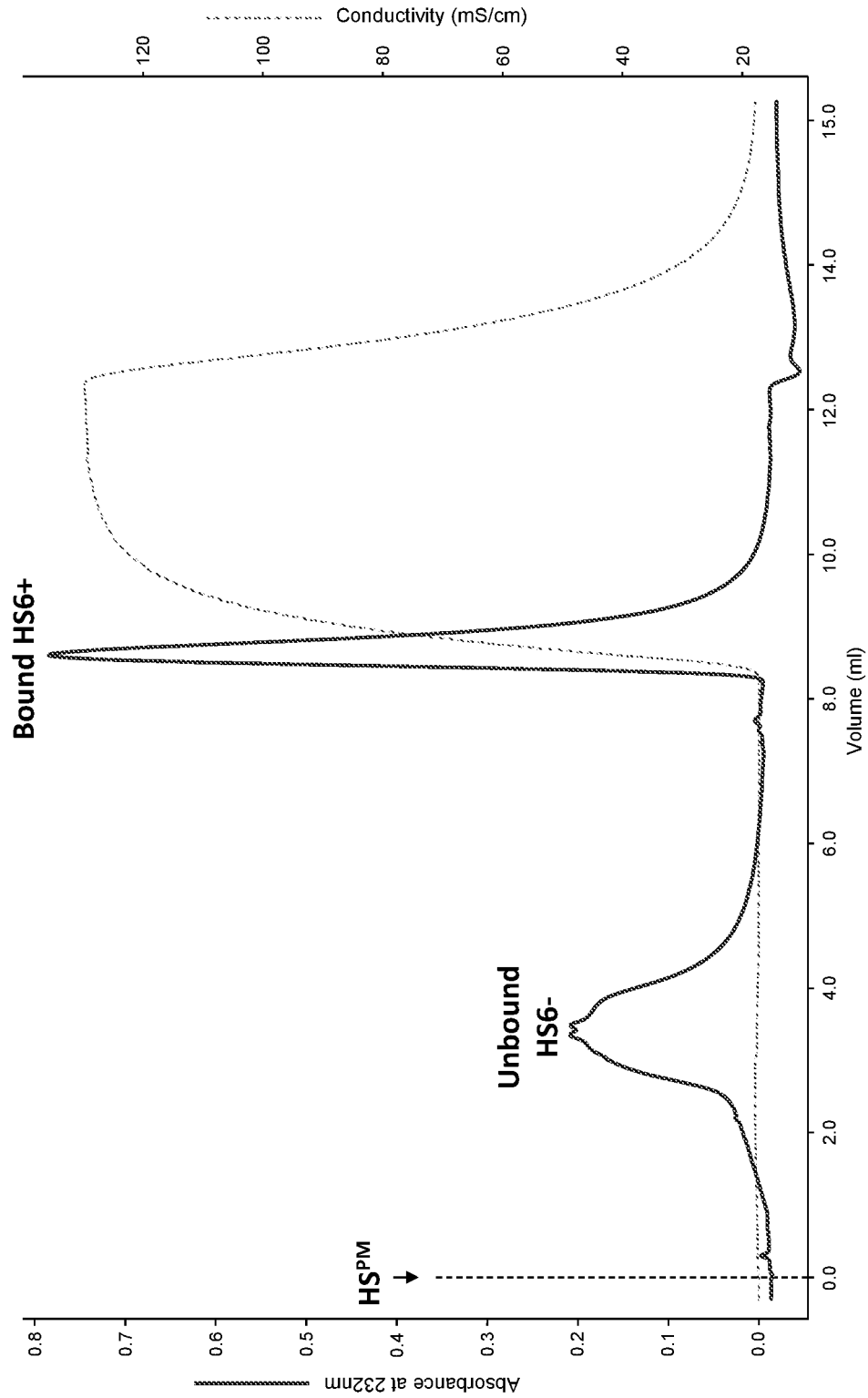


Figure 10

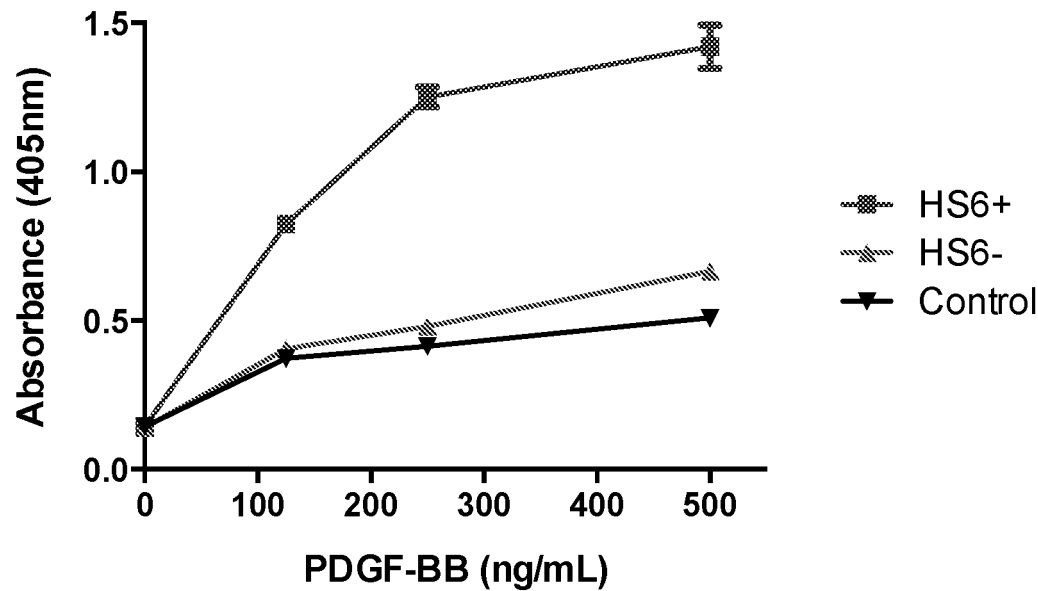


Figure 11

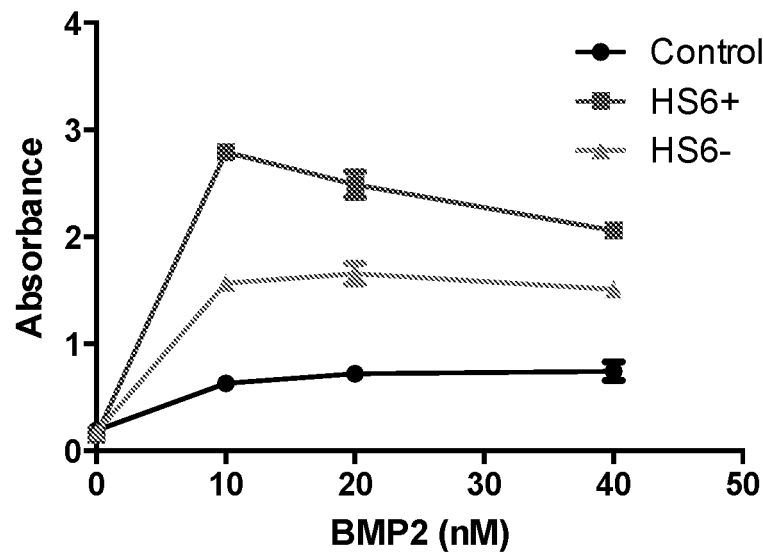


Figure 12A

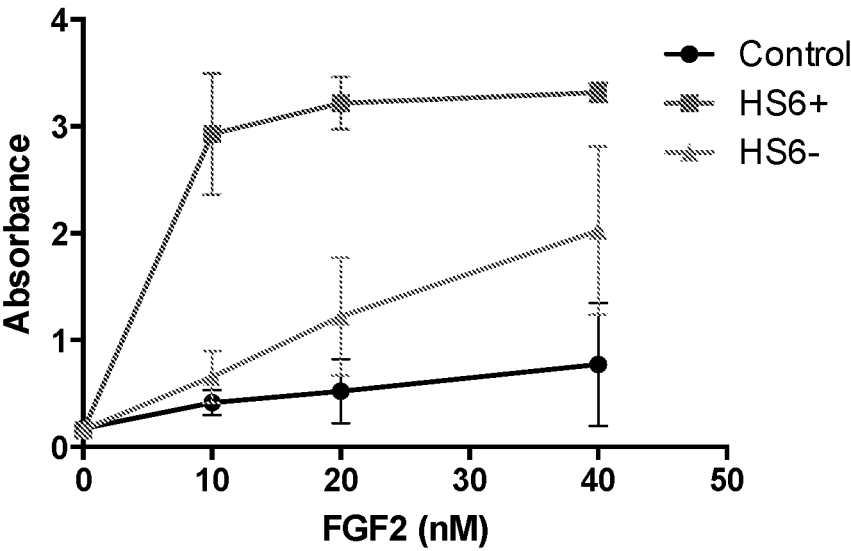


Figure 12B

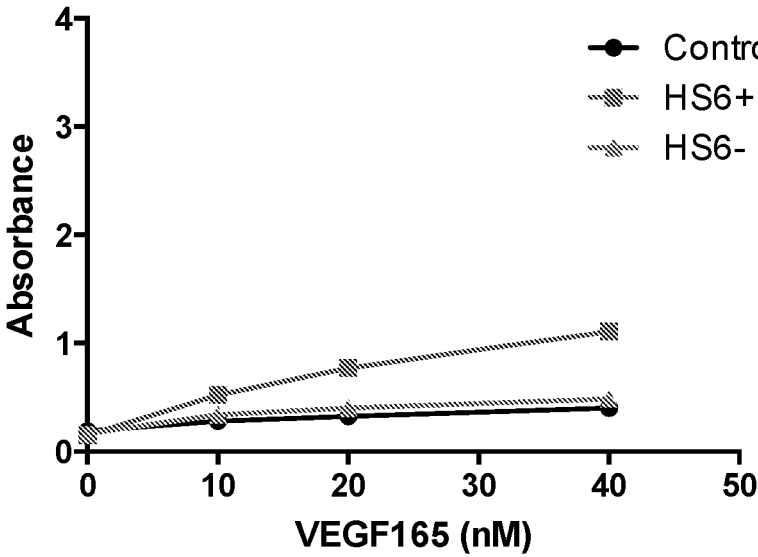


Figure 12C

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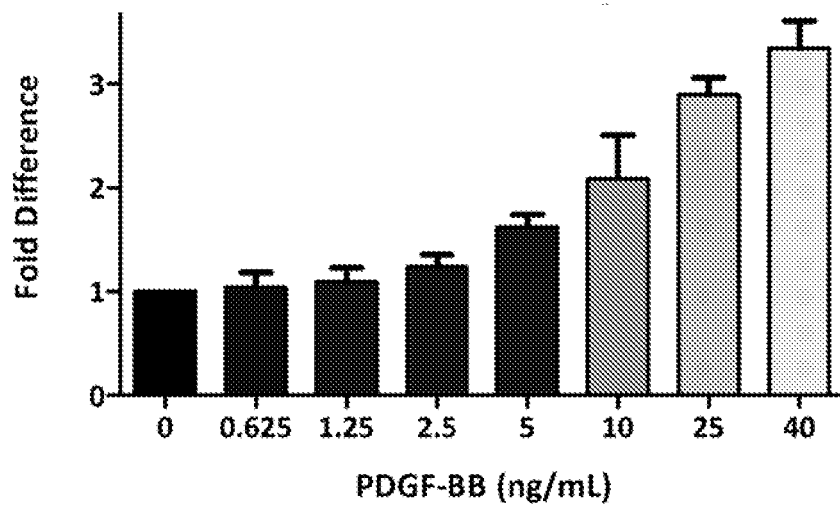


Figure 13A

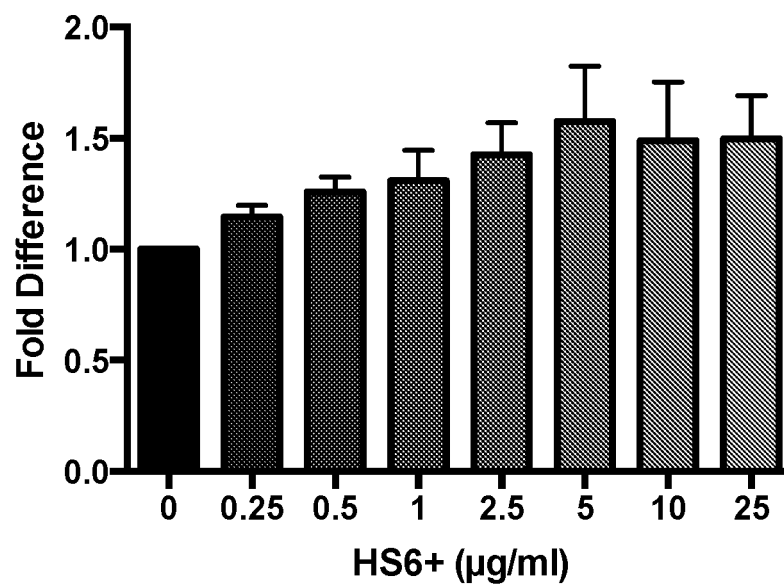


Figure 13B

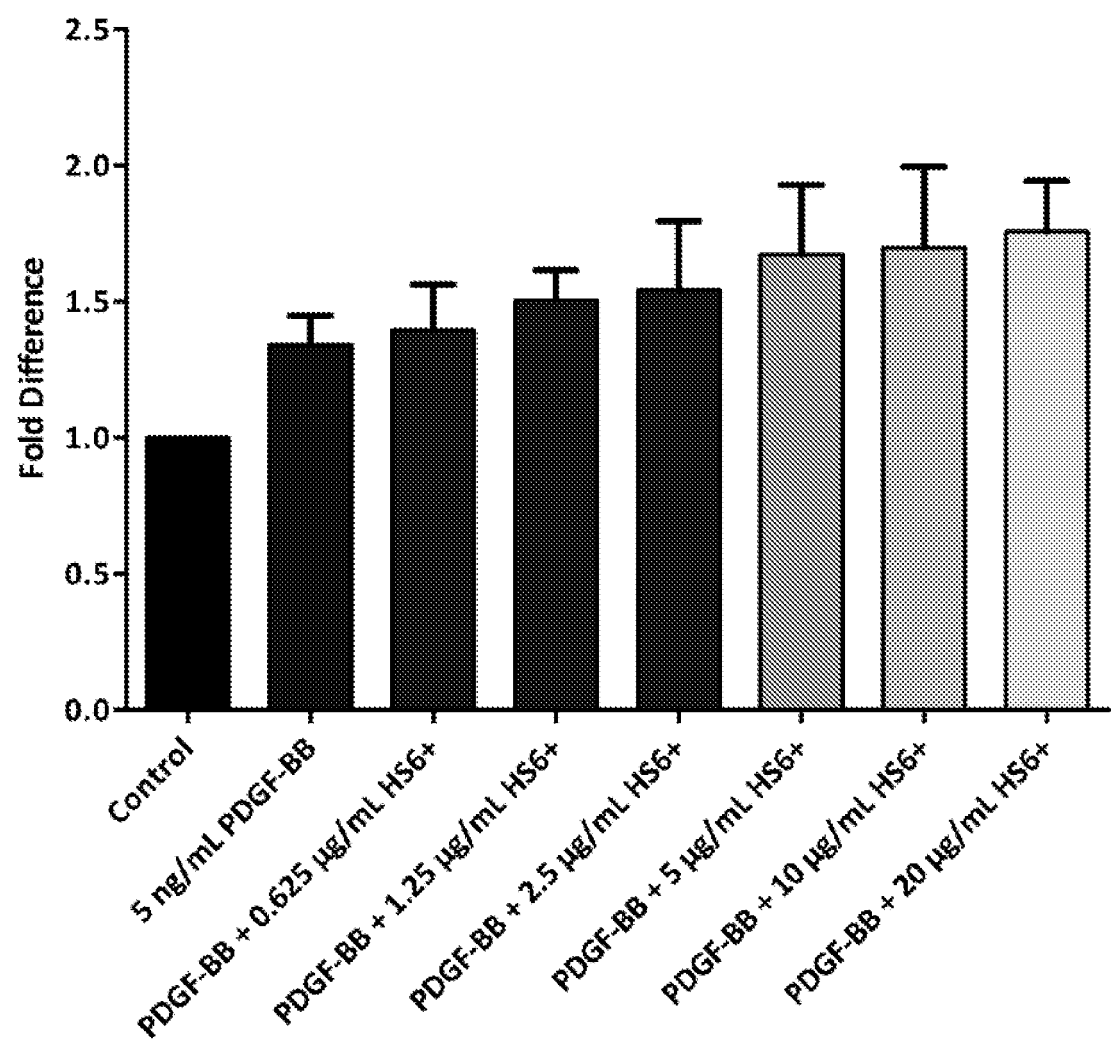


Figure 13C

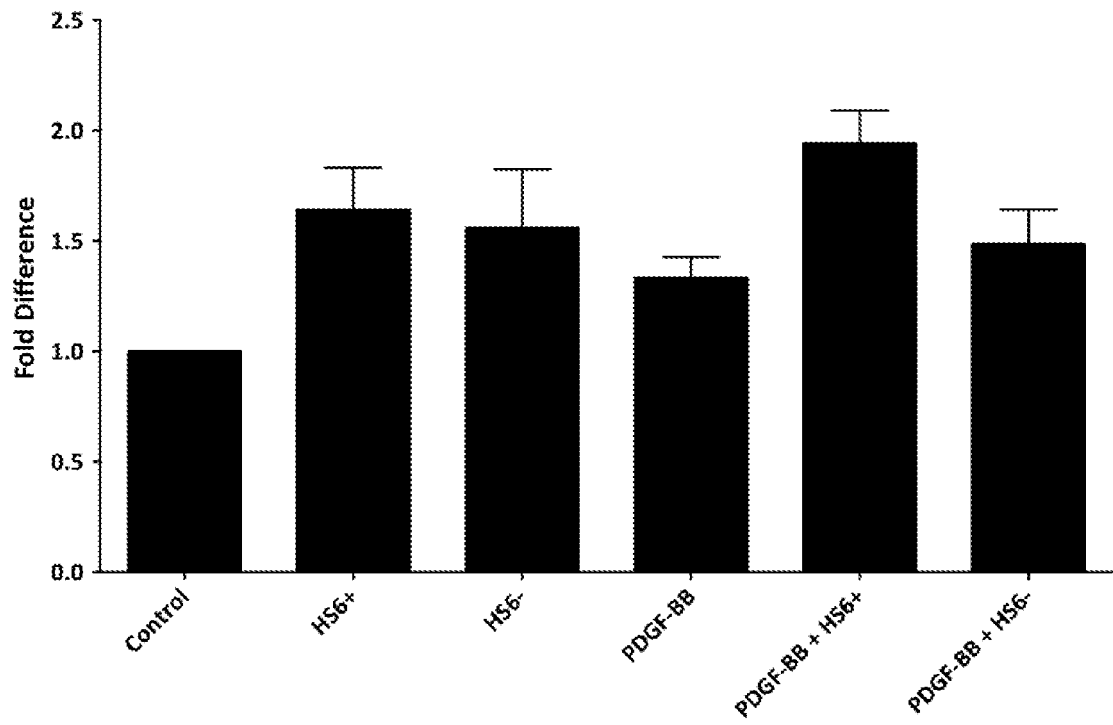


Figure 14

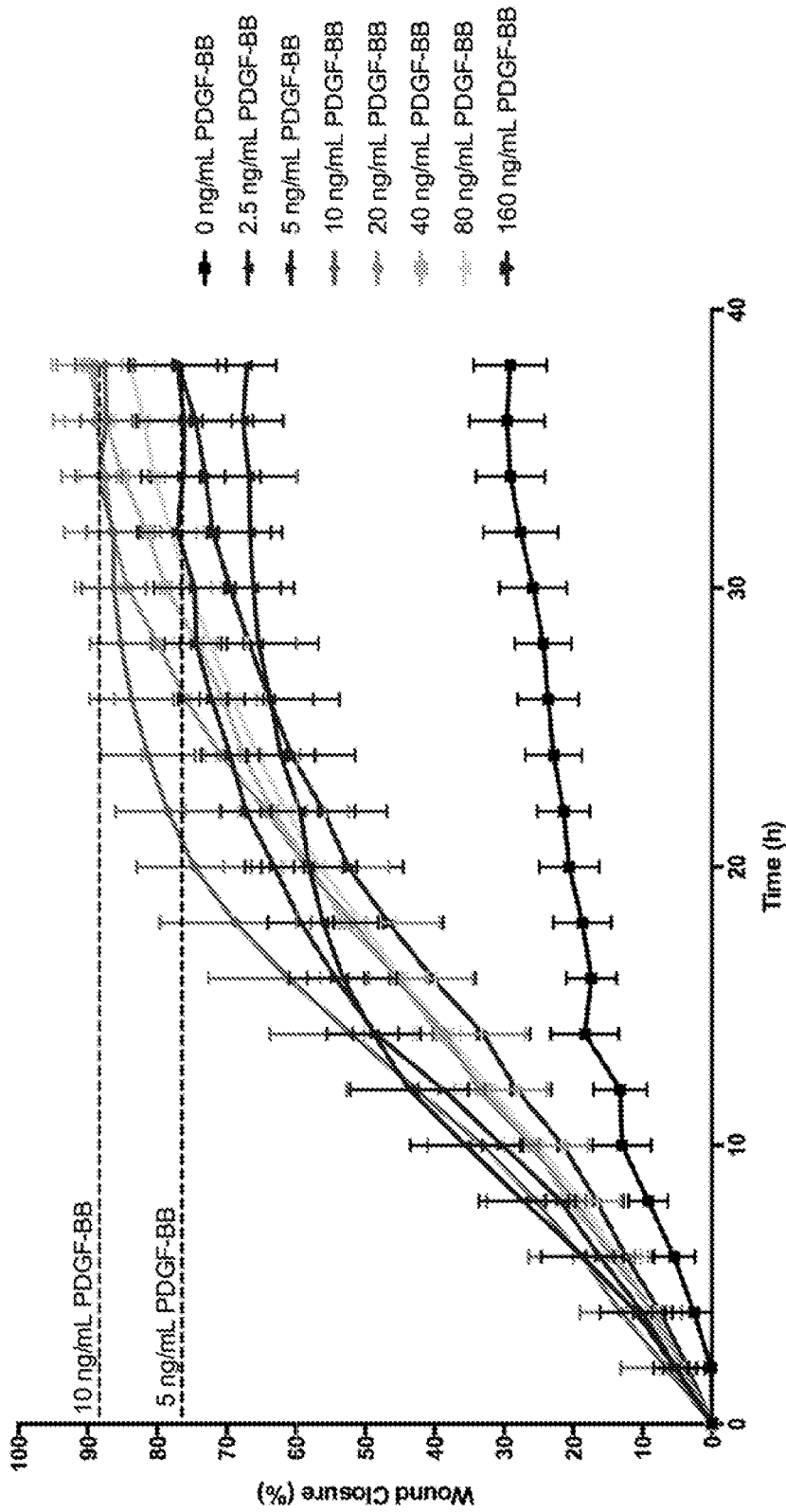


Figure 15

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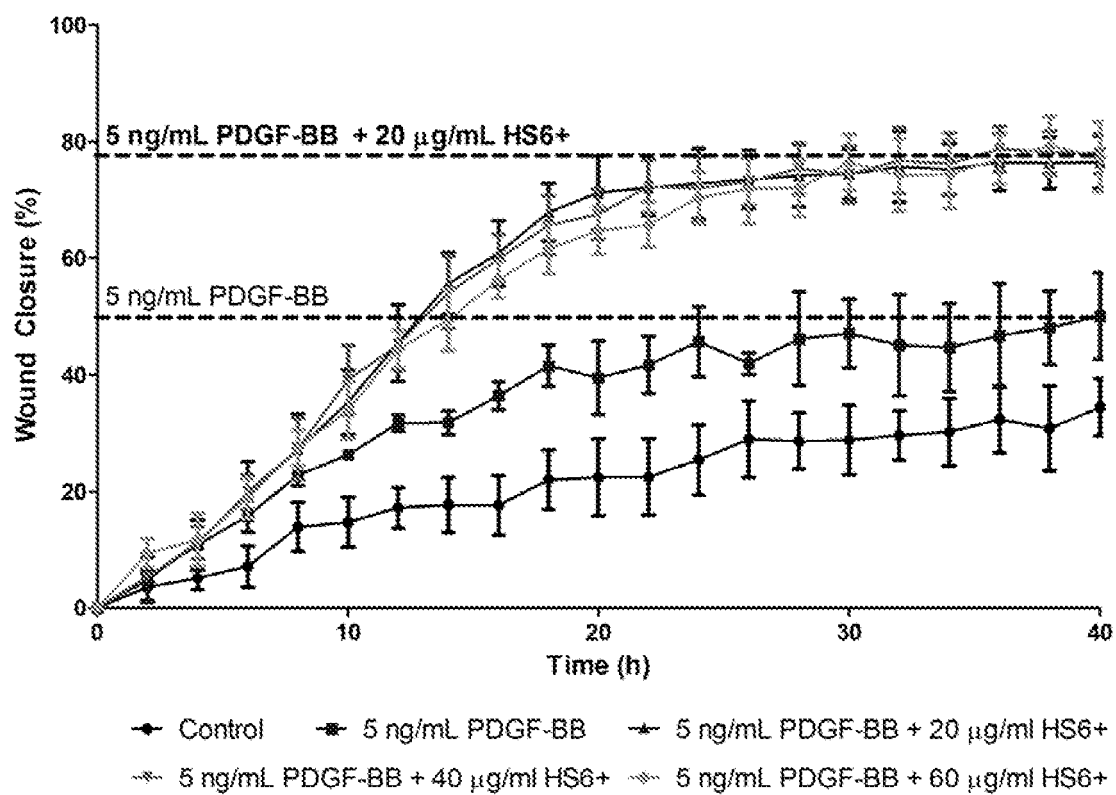


Figure 16

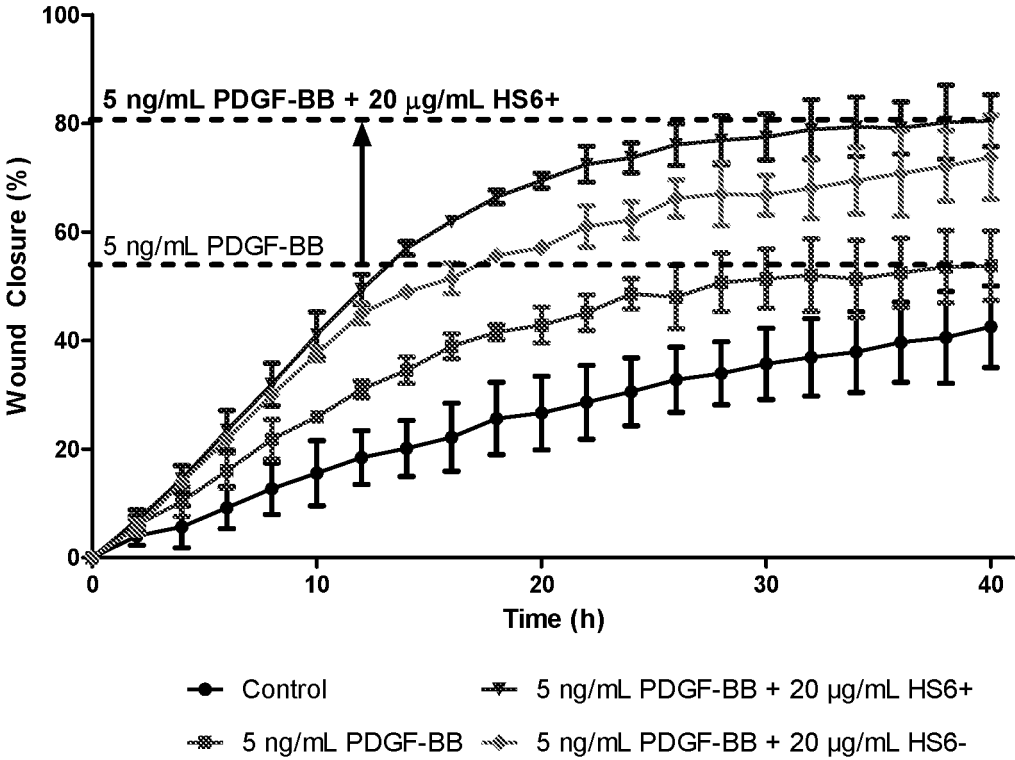


Figure 17

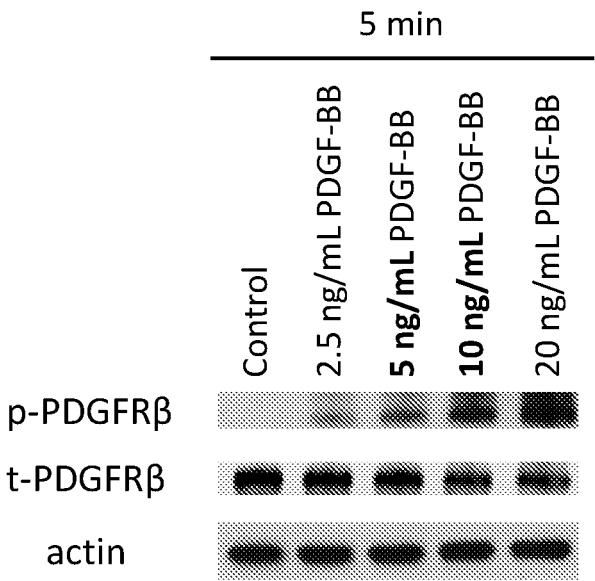


Figure 18A

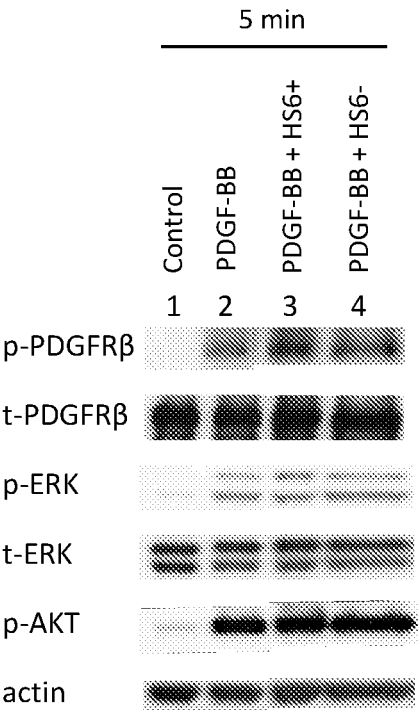


Figure 18B

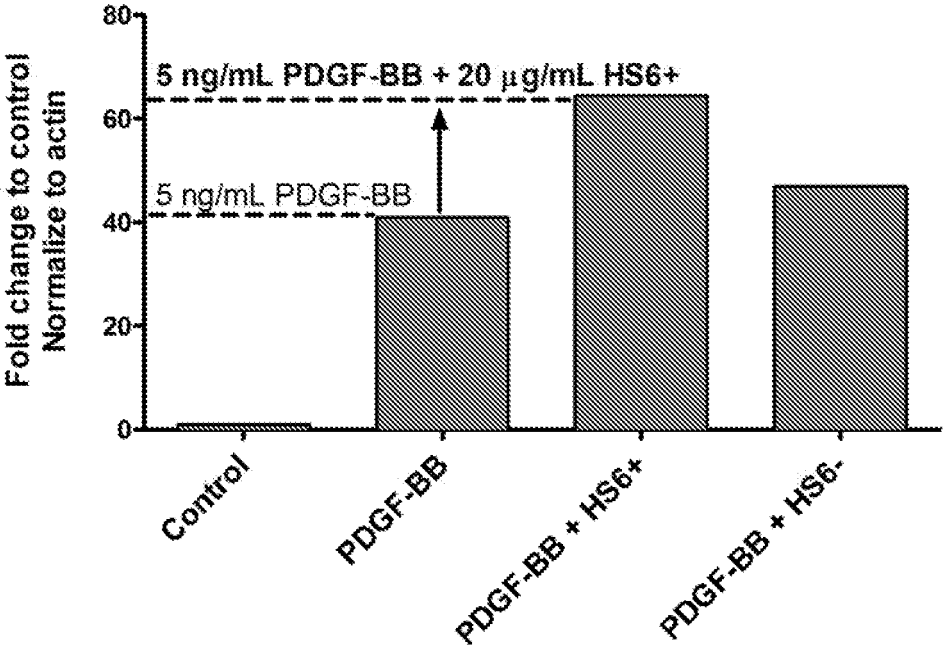


Figure 18C

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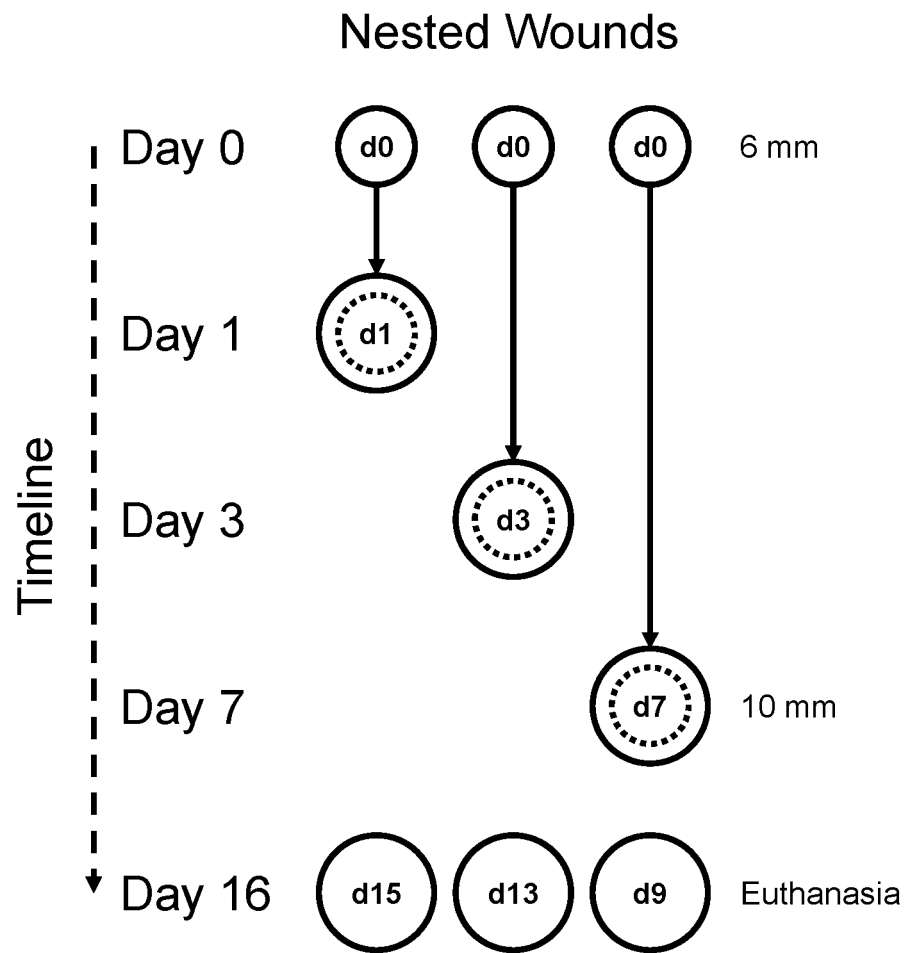


Figure 19

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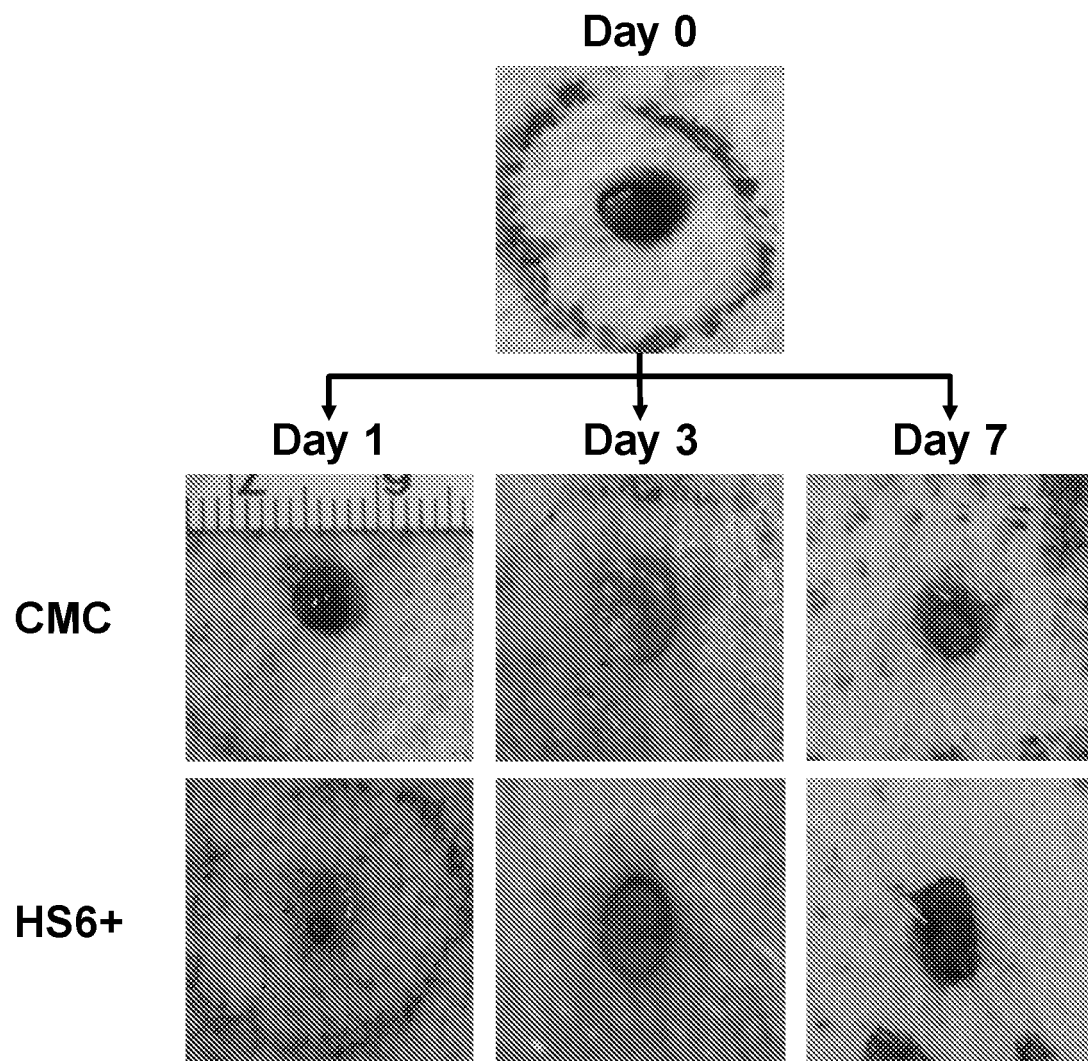


Figure 20

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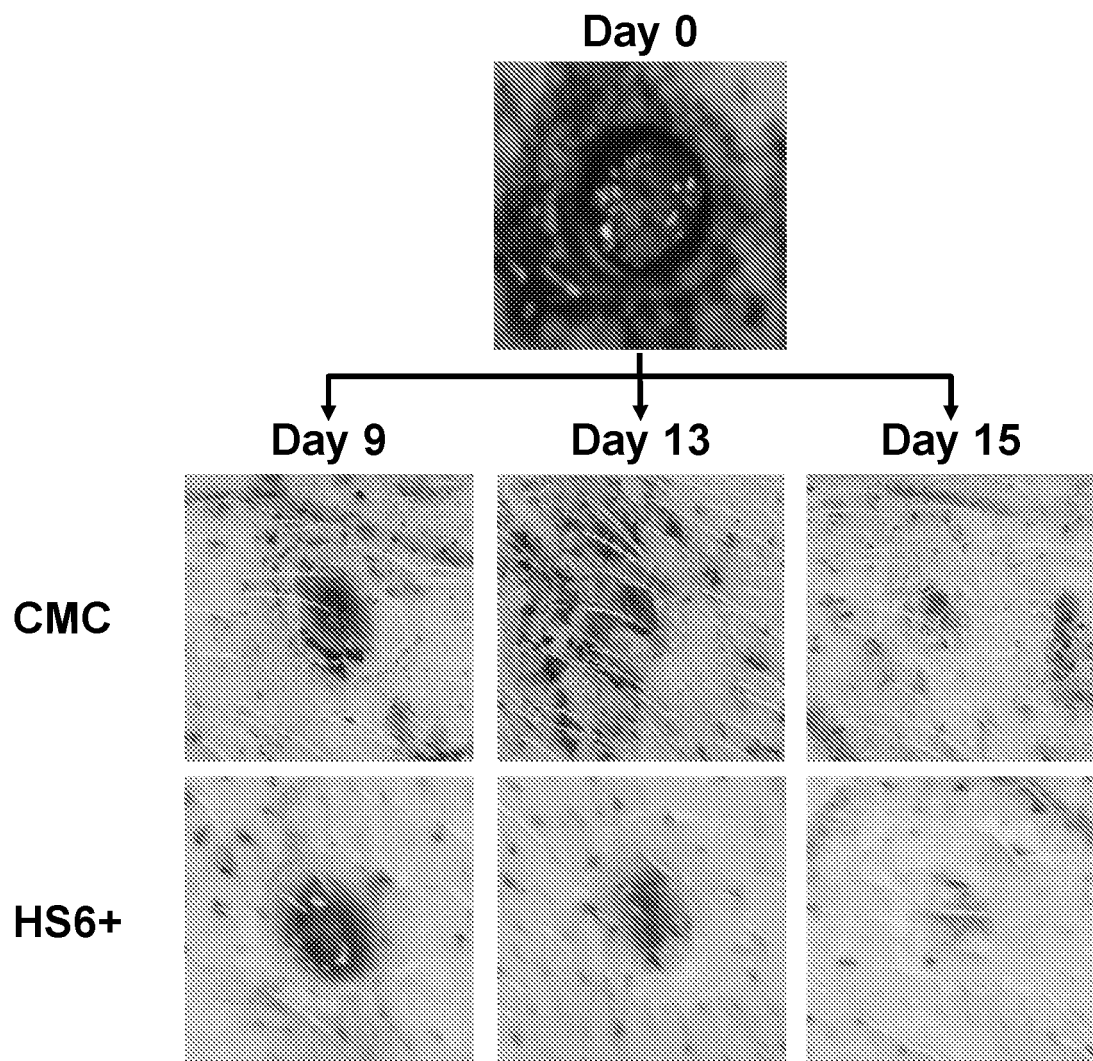


Figure 21

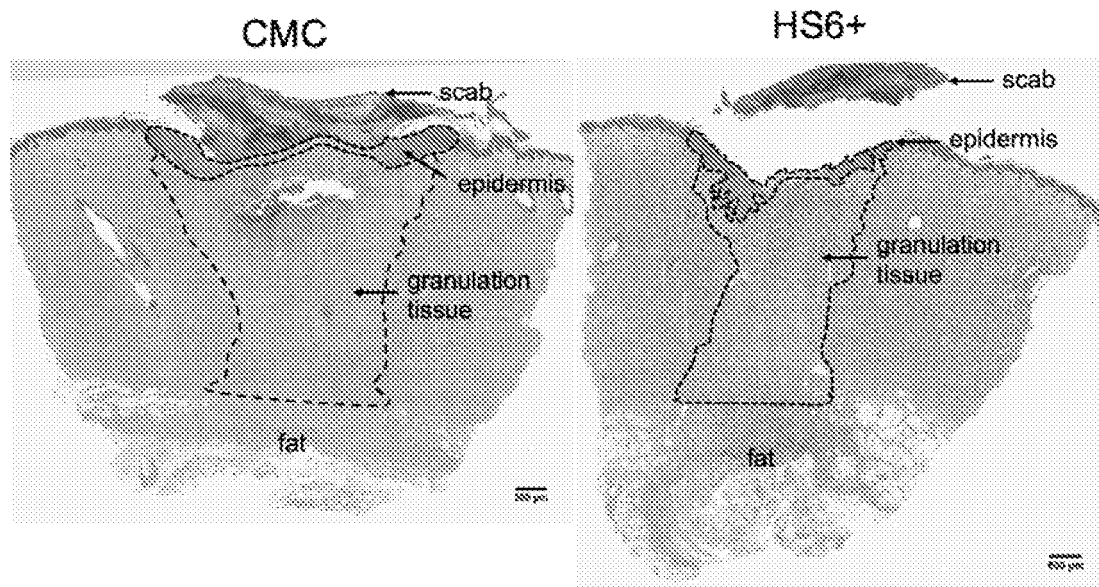


Figure 22A

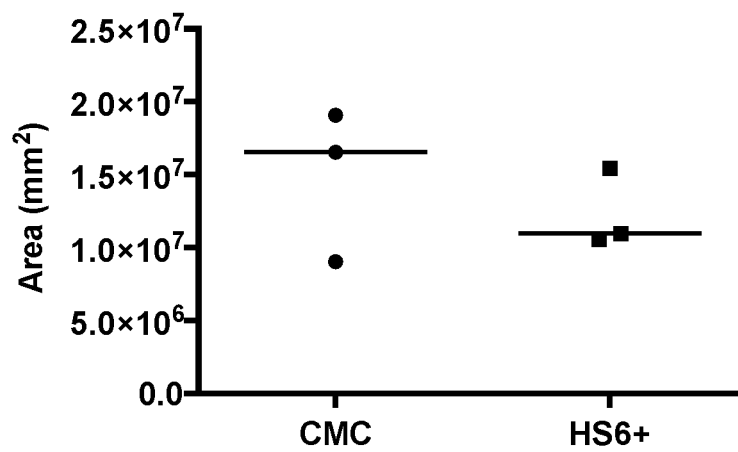


Figure 22B

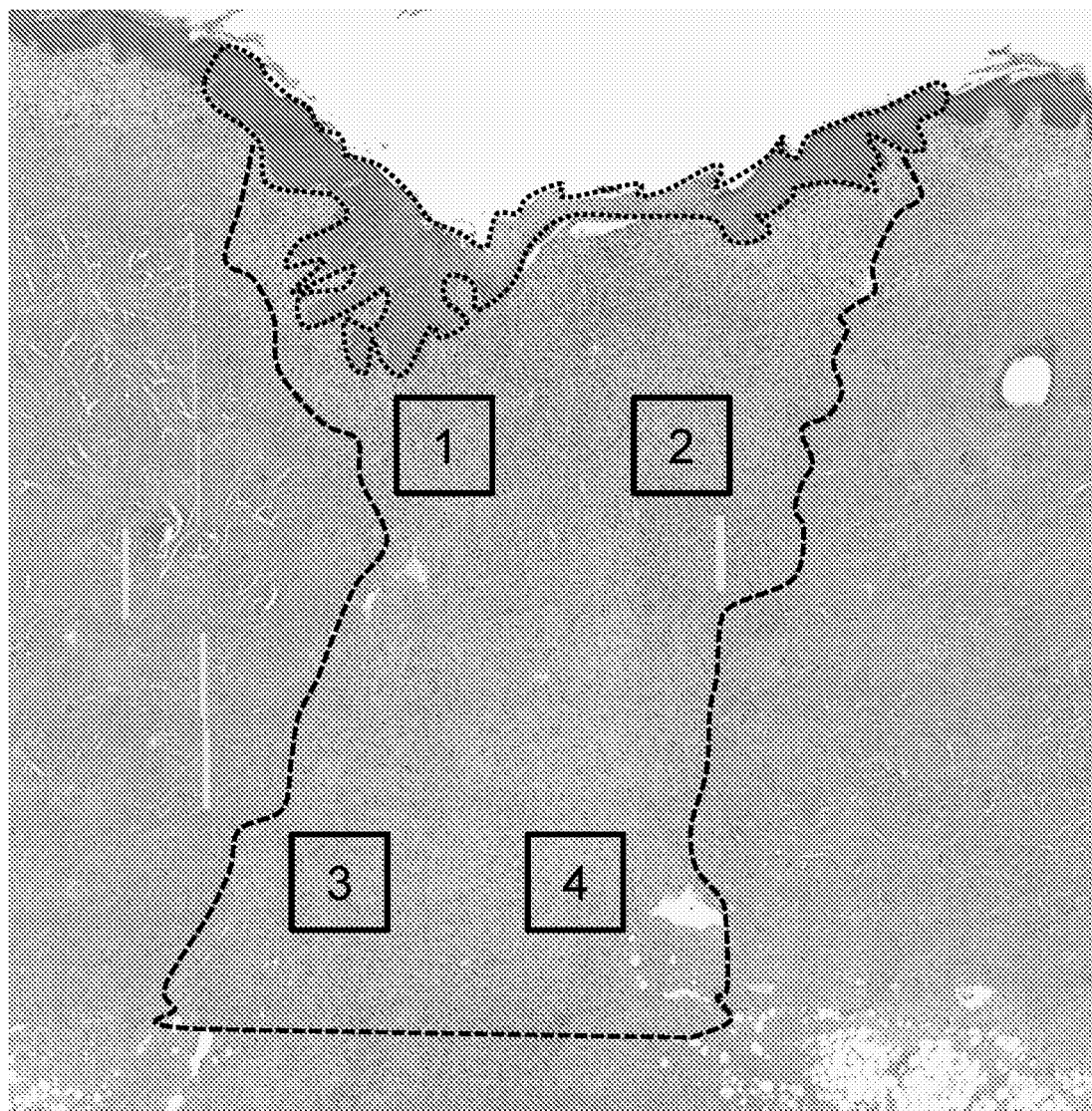


Figure 23A

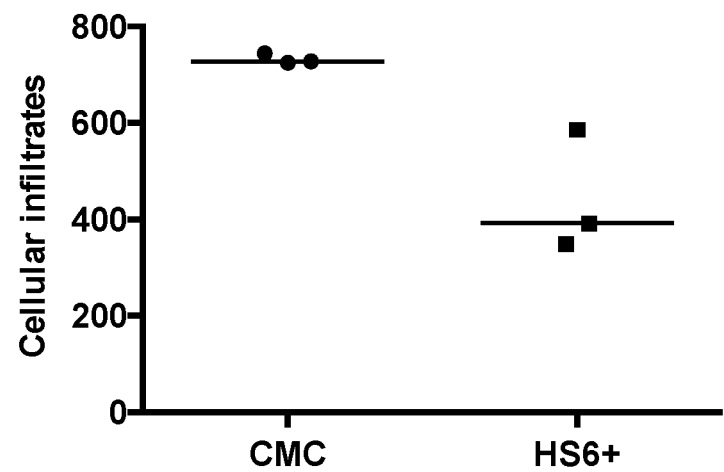
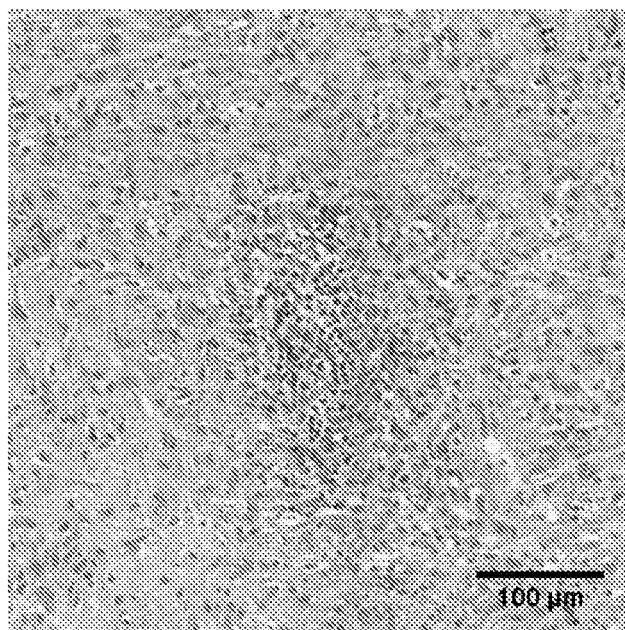


Figure 23B

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CMC

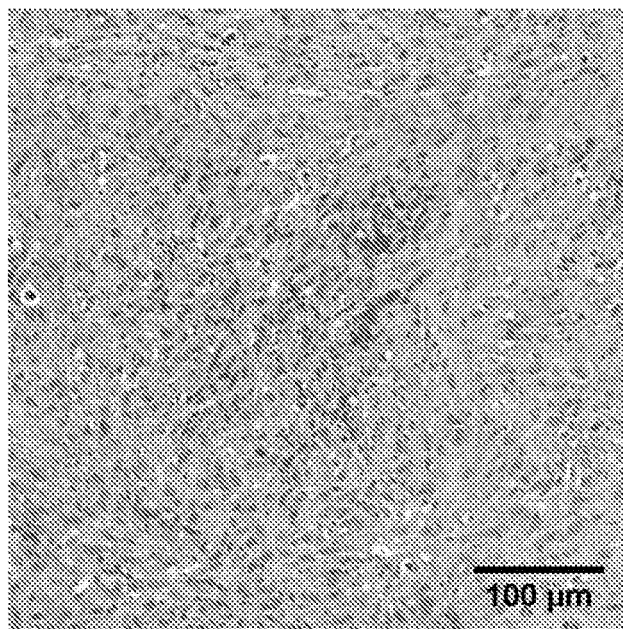


↑ neutrophils

Figure 24A

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HS6+



↑ blood vessels
↑ matrix deposition

Figure 24B

chromatograms

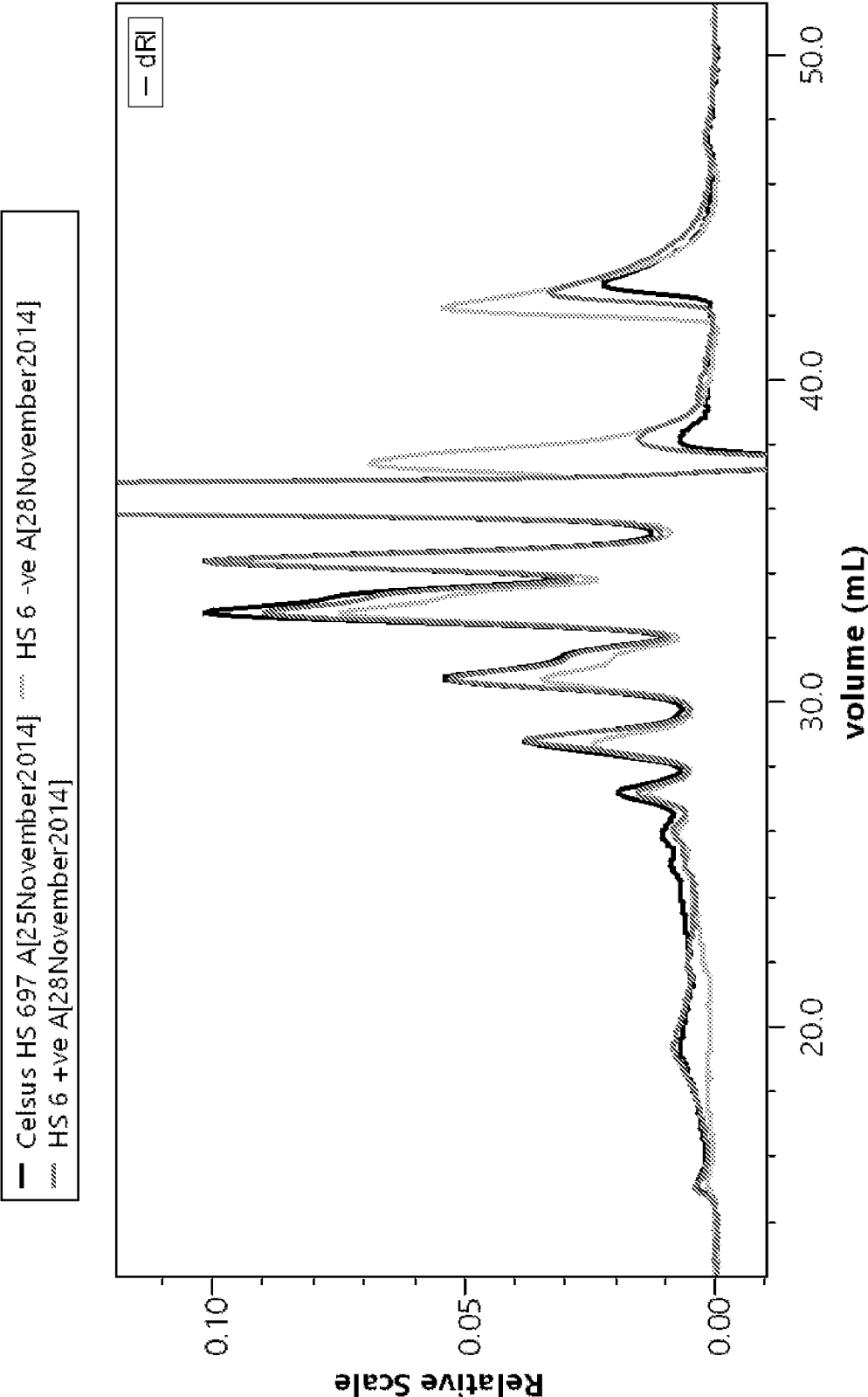


Figure 25

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Sample	μg		% normalised	
	>2dp	2dp	>2dp	2dp
HS starting material	20.9	54.7	27.7	72.3
	20.2	55.3	26.8	73.2
HS6 +ve	18.0	49.5	26.7	73.3
	16.6	49.3	25.2	74.8
HS6 -ve	10.3	38.0	21.3	78.7
	16.2	42.5	27.6	72.4

Figure 26

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% disaccharide							
	Δ UA-GlcNAc	Δ UA-GlcNS	Δ UA-GlcNAc,6S	Δ UA,2S-GlcNAc	Δ UA-GlcNS,6S	Δ UA,2S-GlcNS	Δ UA,2S-GlcNS,6S
Celsus HS 10697	33.6	26.4	11.9	0.5	10.6	6.4	10.7
	33.5	26.2	12.2	0.6	10.5	6.4	10.7
	33.7	26.4	11.9	0.5	10.5	6.4	10.6
	33.5	26.4	12.2	0.6	10.5	6.4	10.5
Average	33.6	26.4	12.1	0.6	10.5	6.4	10.6
HS6 +ve	31.6	24.5	12.2	0.5	11.6	6.8	12.8
	31.6	24.5	12.2	0.5	11.6	6.7	13.0
	31.4	24.5	12.0	0.5	11.8	6.8	13.0
	31.6	24.6	12.0	0.5	11.6	6.8	12.8
Average	31.6	24.5	12.1	0.5	11.7	6.8	12.9
HS6 -ve	36.4	29.4	11.6	0.5	9.2	6.3	6.7
	36.6	29.6	11.5	0.6	8.9	6.3	6.6
	36.5	29.4	11.6	0.5	9.1	6.2	6.7
	36.5	29.4	11.3	0.6	9.0	6.2	7.0
Average	36.5	29.5	11.5	0.6	9.1	6.3	6.8

Figure 27

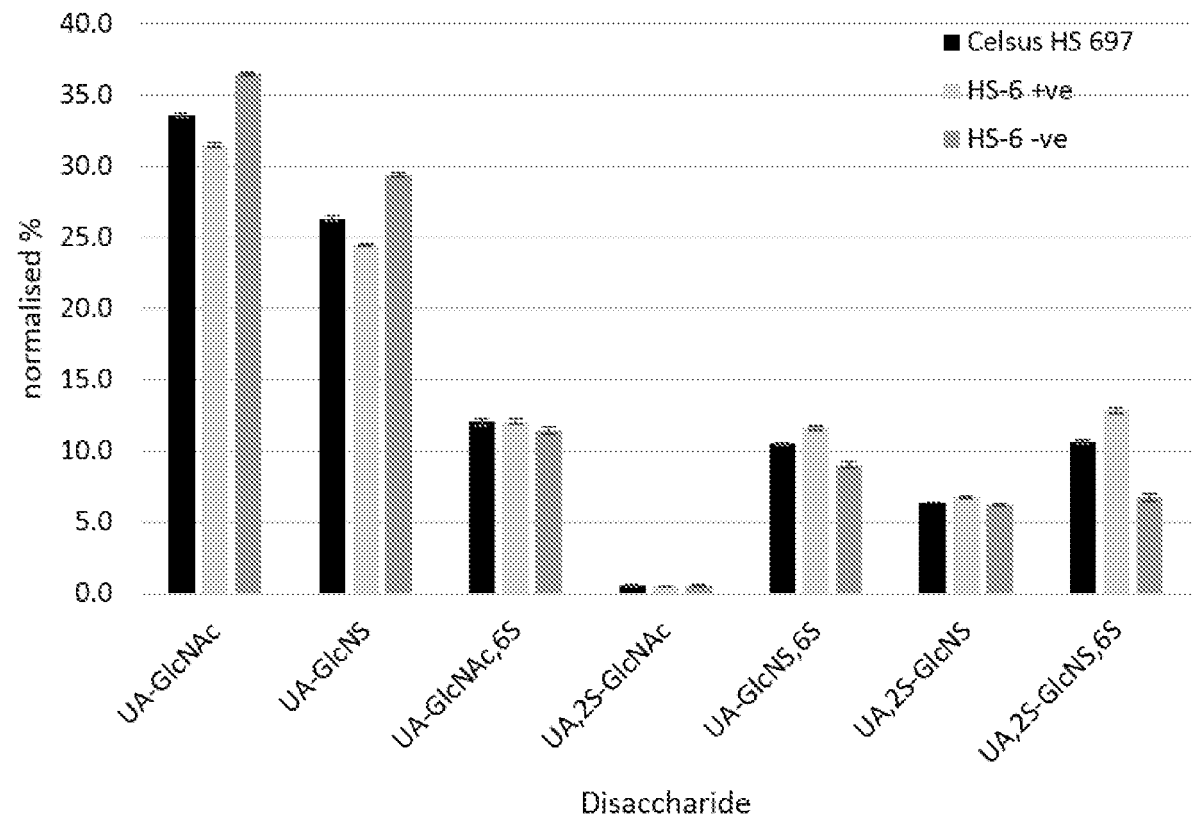


Figure 28

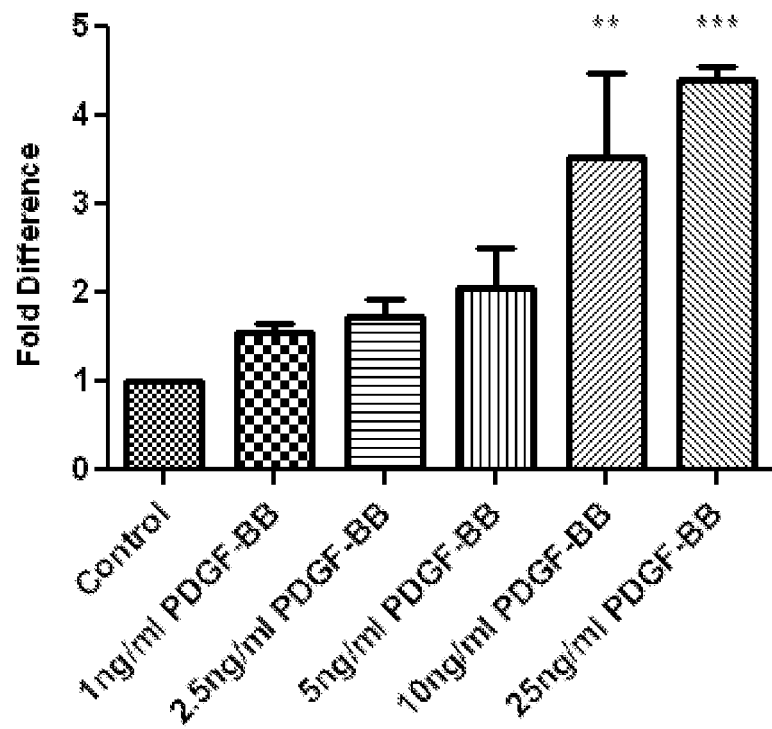


Figure 29A

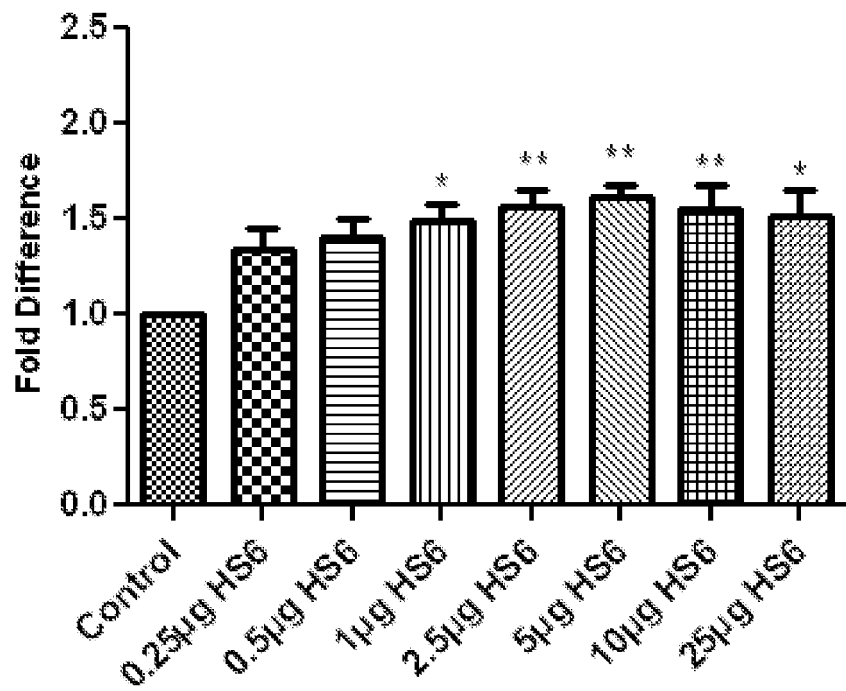


Figure 29B

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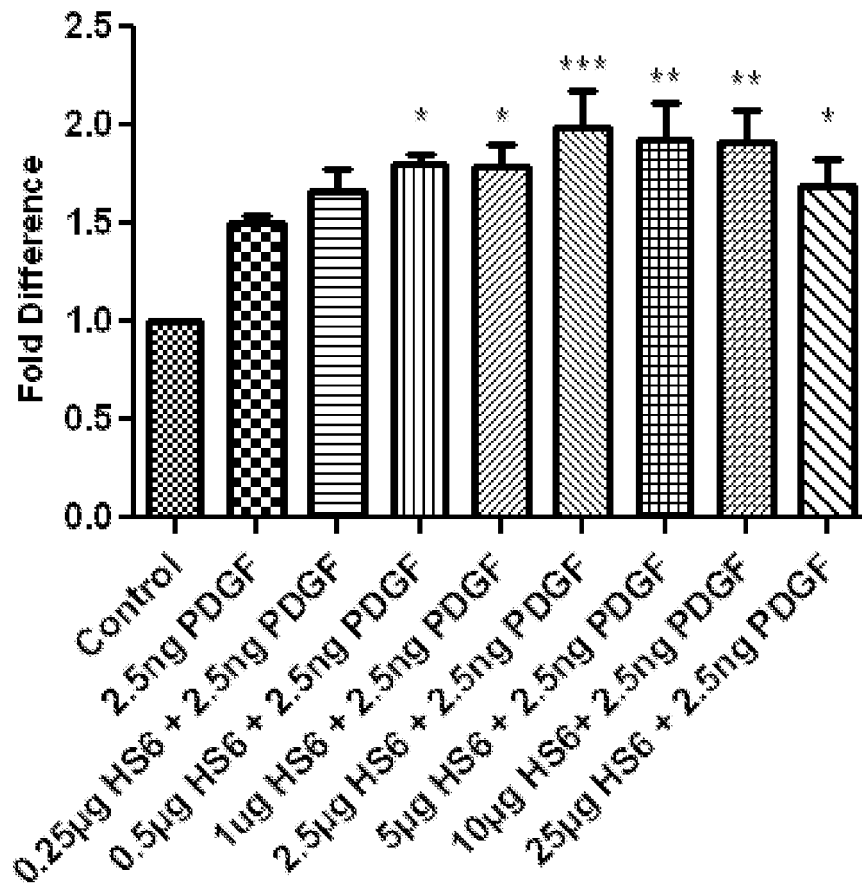


Figure 29C

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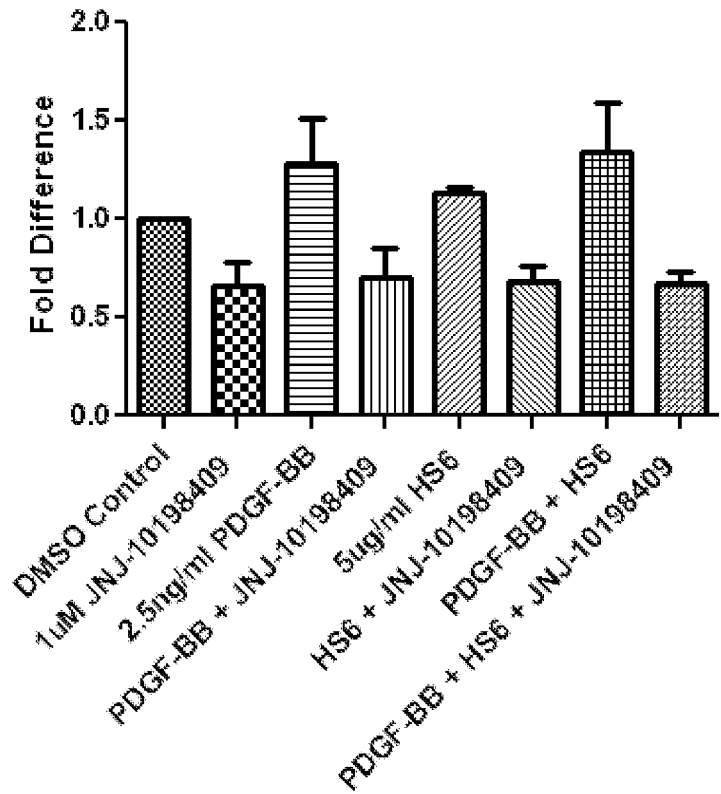


Figure 30A

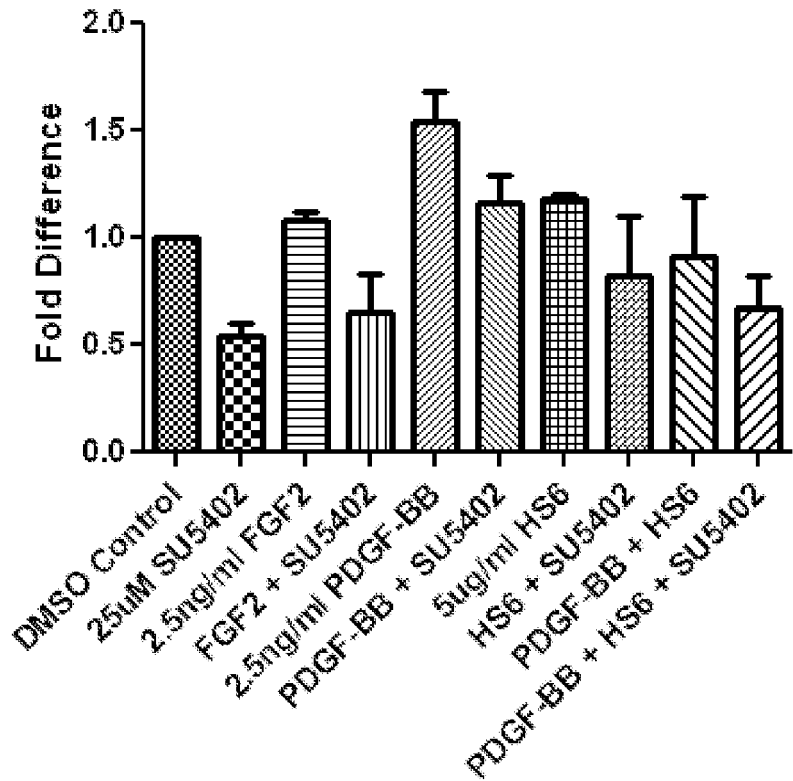


Figure 30B

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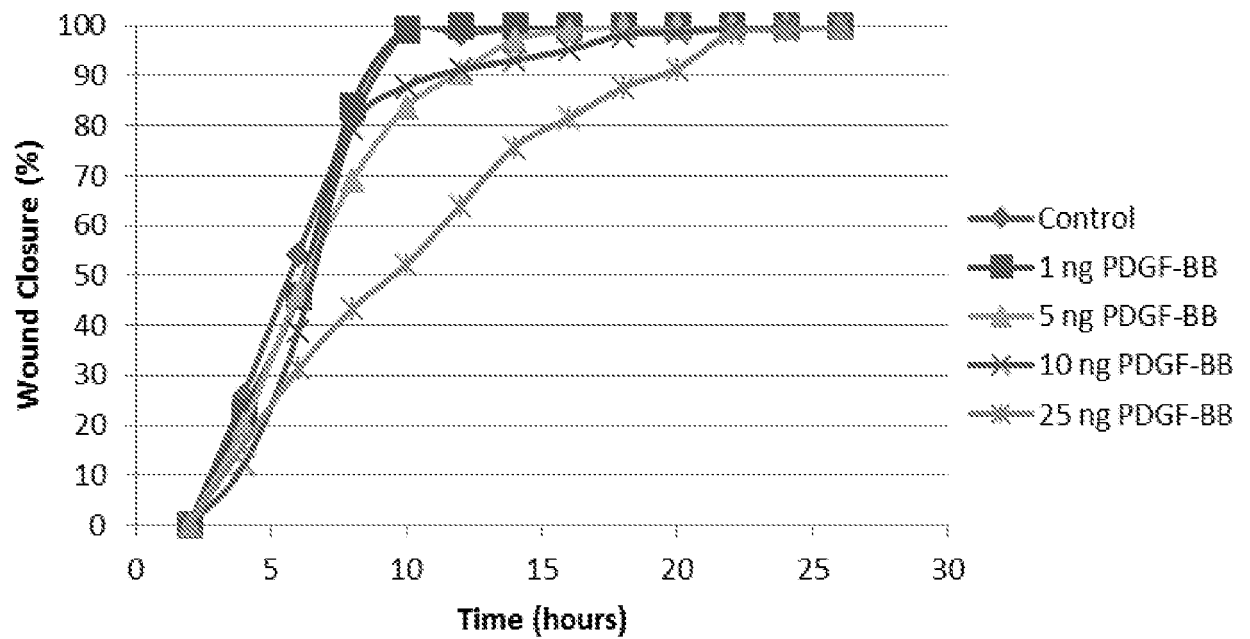


Figure 31A

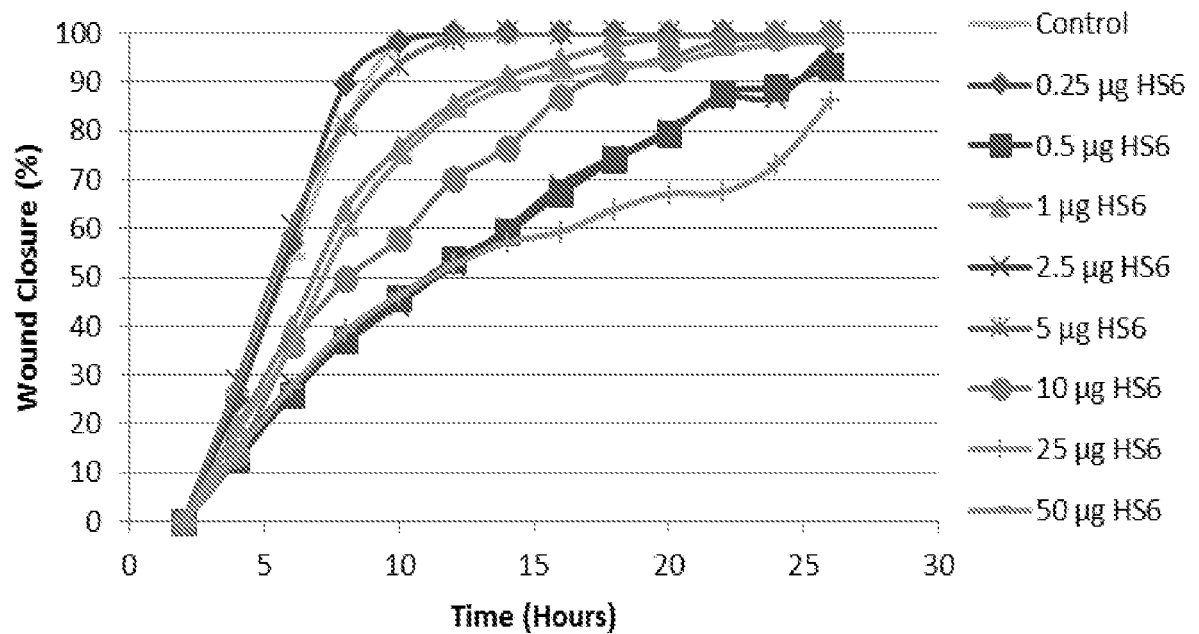


Figure 31B

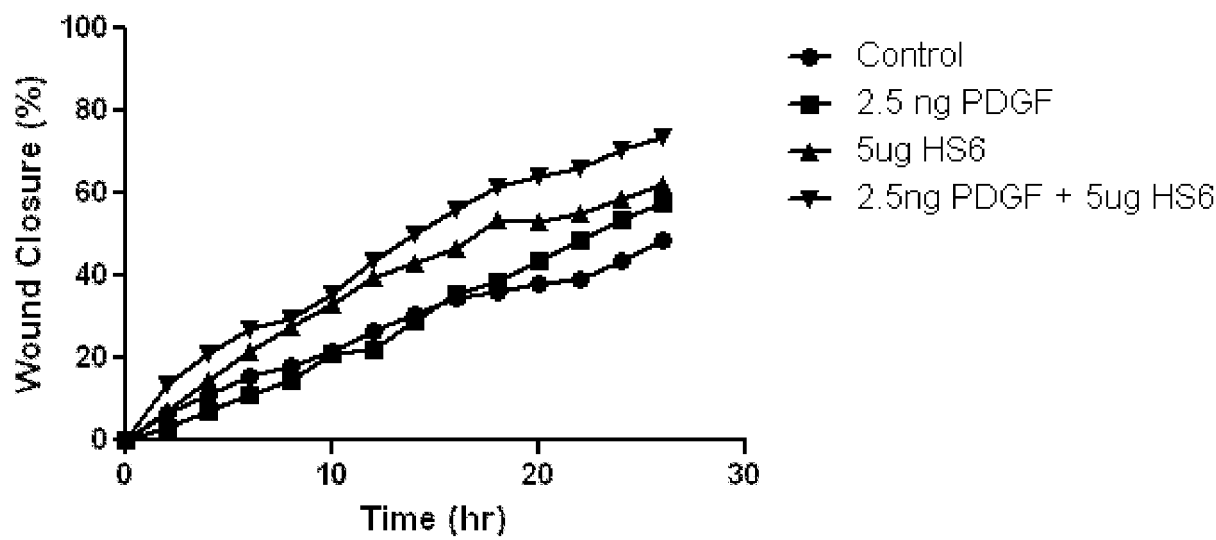


Figure 32

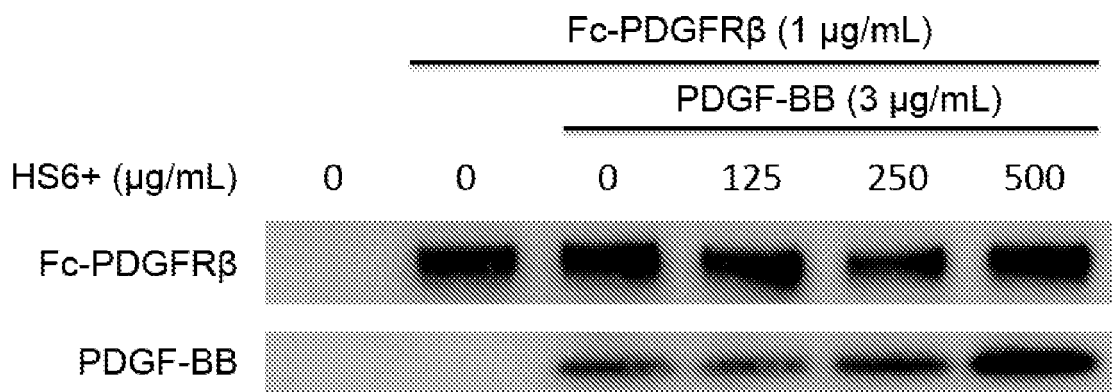


Figure 33