Type	ID	Name	Structure and Molecular Weight
Hyaluronic Acid (HA)	GAG1	Hyaluronic Acid dp10 (HA10)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_4$ GlcNAc, Mw 1,950 Da
	GAG2	Hyaluronic Acid dp12 (HA12)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_5$ GlcNAc, Mw 2,350 Da
	GAG3	Hyaluronic Acid dp14 (HA14)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_6$ GlcNAc, Mw 2,700 Da
	GAG4	Hyaluronic Acid dp16 (HA16)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_7$ GlcNAc, Mw 3,150 Da
	GAG5	Hyaluronic Acid dp18 (HA18)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_8$ GlcNAc, Mw 3,650 Da
	GAG6	Hyaluronic Acid dp20 (HA20)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_9$ GlcNAc, Mw 3,900 Da
	GAG7	Hyaluronic Acid Polymer (HA93)	ΔGlcAβ1,3 [GlcNAcβ1,4 GlcAβ1,3]$_n$ GlcNAc, Mw 93 kDa
Heparin	GAG8	Heparin dp10 (H10)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_4$, Mw 3,000
	GAG9	Heparin dp12 (H12)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_5$, Mw 3,550
	GAG10	Heparin dp14 (H14)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_6$, Mw 4,100
	GAG11	Heparin dp16 (H16)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_7$, Mw 4,650
	GAG12	Heparin dp18 (H18)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_8$, Mw 5,200
	GAG13	Heparin dp20 (H20)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_9$, Mw 5,750
	GAG14	Heparin dp22 (H22)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_{10}$, Mw 6,300
	GAG15	Heparin dp24 (H24)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_{11}$, Mw 6,850
	GAG16	Heparin dp30 (H30)	ΔUA,2S - GlcNS,6S– [IdoUA,2S – GlcNS,6S]$_{14}$, Mw 9,000
Chondroitin Sulfate (CS)	GAG17	Chondroitin Sulphate Oligosaccharide dp10 (CSO10)	ΔUA - [GalNAc,6S or 4S - GlcA]$_4$ - GalNAc,6S or 4S, Mw 2,480
	GAG18	Chondroitin Sulphate Oligosaccharide dp12 (CSO12)	ΔUA - [GalNAc,6S or 4S - GlcA]$_5$ - GalNAc,6S or 4S, Mw 2,976
	GAG19	Chondroitin Sulphate Oligosaccharide dp14 (CSO14)	ΔUA - [GalNAc,6S or 4S - GlcA]$_6$ - GalNAc,6S or 4S, Mw 3,472
	GAG20	Chondroitin Sulphate Oligosaccharide dp16 (CSO16)	ΔUA - [GalNAc,6S or 4S - GlcA]$_7$ - GalNAc,6S or 4S, Mw 3,968
	GAG21	Chondroitin Sulphate Oligosaccharide dp18 (CSO18)	ΔUA - [GalNAc,6S or 4S - GlcA]$_8$ - GalNAc,6S or 4S, Mw 4,464
	GAG22	Chondroitin Sulphate Oligosaccharide dp20 (CSO20)	ΔUA - [GalNAc,6S or 4S - GlcA]$_9$ - GalNAc,6S or 4S, Mw 4,960
	GAG23	Chondroitin Sulphate D Oligosaccharide dp10 (CSDO10)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_4$ – GalNAc,6S, Mw 2,480
	GAG24	Chondroitin Sulphate D Oligosaccharide dp12 (CSDO12)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_5$ – GalNAc,6S, Mw 2,976
	GAG25	Chondroitin Sulphate D Oligosaccharide dp14 (CSDO14)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_6$ – GalNAc,6S, Mw 3,472
	GAG26	Chondroitin Sulphate D Oligosaccharide dp16 (CSDO16)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_7$ – GalNAc,6S, Mw 3,968
	GAG27	Chondroitin Sulphate D Oligosaccharide dp18 (CSDO18)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_8$ – GalNAc,6S, Mw 4,464
	GAG28	Chondroitin Sulphate D Oligosaccharide dp20 (CSDO20)	ΔUA - [GalNAc,6S or 4S – GlcA +/- 2S]$_9$ – GalNAc,6S, Mw 4,960
Dermatan Sulfate (DS)	GAG29	Dermatan Sulphate dp10 (DS10)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_4$, Mw 2,480
	GAG30	Dermatan Sulphate dp12 (DS12)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_5$, Mw 2,976
	GAG31	Dermatan Sulphate dp14 (DS14)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_6$, Mw 3,472
	GAG32	Dermatan Sulphate dp16 (DS16)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_7$, Mw 3,968
	GAG33	Dermatan Sulphate dp18 (DS18)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_8$, Mw 4,464
	GAG34	Dermatan Sulphate dp20 (DS20)	ΔUAβ1,3 - GalNAc,4S – [IdoA – GalNAc,4S]$_9$, Mw 4,960
Heparan Sulfate (HS)	GAG35	Heparan Sulphate Oligosaccharide dp10 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_3$ – IdoA - GlcNS, Mw 2,800
	GAG36	Heparan Sulphate Oligosaccharide dp12 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_4$ – IdoA - GlcNS, Mw 3,500
	GAG37	Heparan Sulphate Oligosaccharide dp14 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_5$ – IdoA - GlcNS, Mw 4,000
	GAG38	Heparan Sulphate Oligosaccharide dp16 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_6$ – IdoA - GlcNS, Mw 4,400
	GAG39	Heparan Sulphate Oligosaccharide dp18 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_7$ – IdoA - GlcNS, Mw 5,000
	GAG40	Heparan Sulphate Oligosaccharide dp20 (Hep I, low and intermediate sulphation)	ΔUA2S - GlcNS – [GlcA - GlcNAc]$_8$ – IdoA - GlcNS, Mw 5,400
	GAG41	Heparan Sulphate Oligosaccharide dp10 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_3$ – IdoA - GlcNAc, Mw 2,800
	GAG42	Heparan Sulphate Oligosaccharide dp12 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_4$ – IdoA - GlcNAc, Mw 3,500
	GAG43	Heparan Sulphate Oligosaccharide dp14 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_5$ – IdoA - GlcNAc, Mw 4,200
	GAG44	Heparan Sulphate Oligosaccharide dp16 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_6$ – IdoA - GlcNAc, Mw 4,800
	GAG45	Heparan Sulphate Oligosaccharide dp18 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_7$ – IdoA - GlcNAc, Mw 5,500
	GAG46	Heparan Sulphate Oligosaccharide dp20 (Hep III, high sulphation)	ΔUA - GlcNS – [IdoA +/- 2S - GlcNS]$_8$ – IdoA - GlcNAc, Mw 6,200
Keratan Sulfate (KS)	GAG47	Keratan Sulfate Oligosaccharide	[Gal +/- 6S – GlcNAc, 6S]$_6$, Mw 3,000