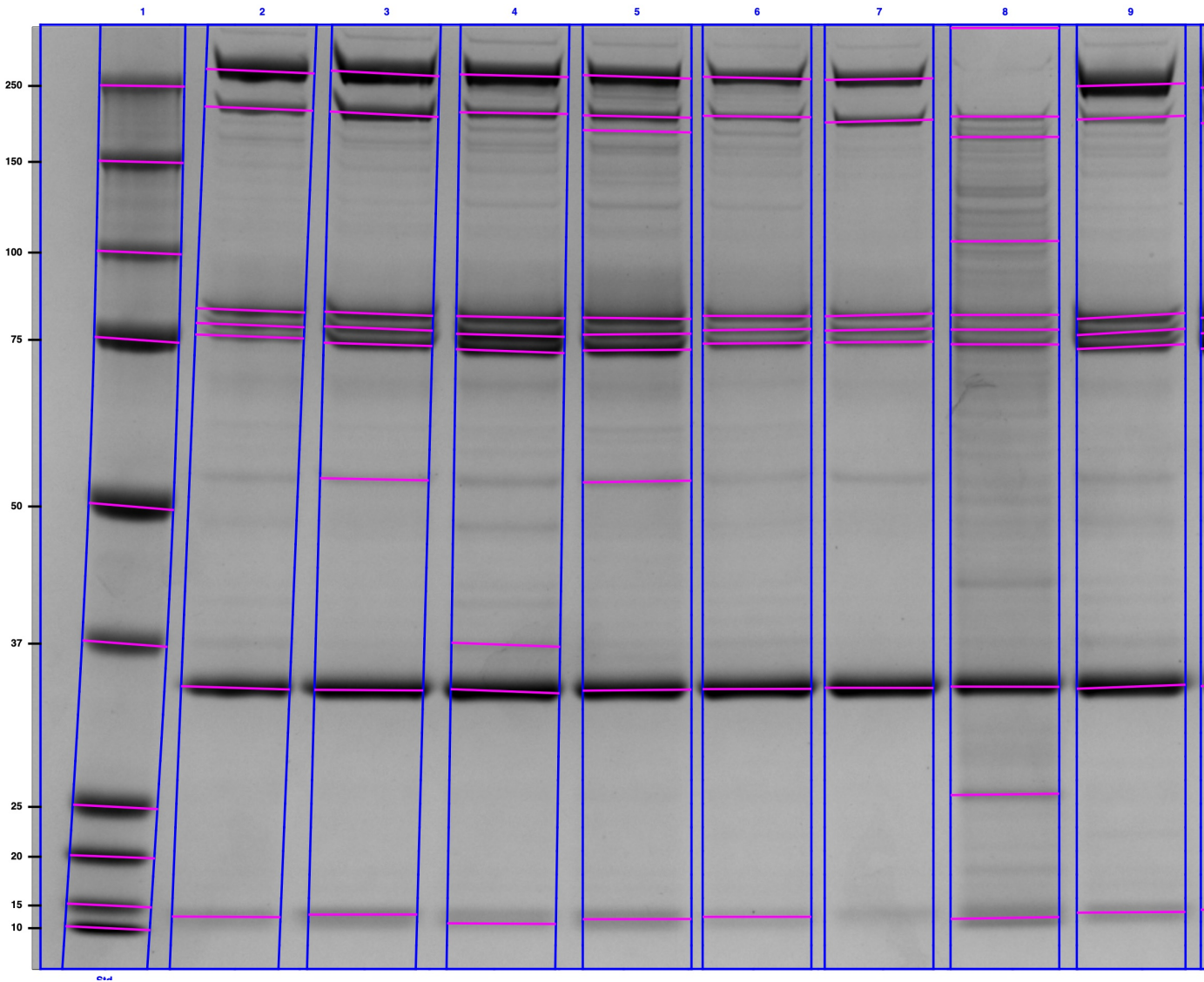


Image Report: polline 5settimana gel4



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 5/polline 5settimana gel4.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.861 (Auto - Intense Bands)
Flat Field	Applied (White)
Serial Number	731BR02881
Software Version	5.2.1
Application	Coomassie Blue
Excitation Source	White Trans illumination
Emission Filter	Standard Filter

Image Information

Acquisition Date	10/8/2023 12:26:22 PM
User Name	FisioLab
Image Area (mm)	X: 80.0 Y: 56.8
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	11499 - 55965

Analysis Settings

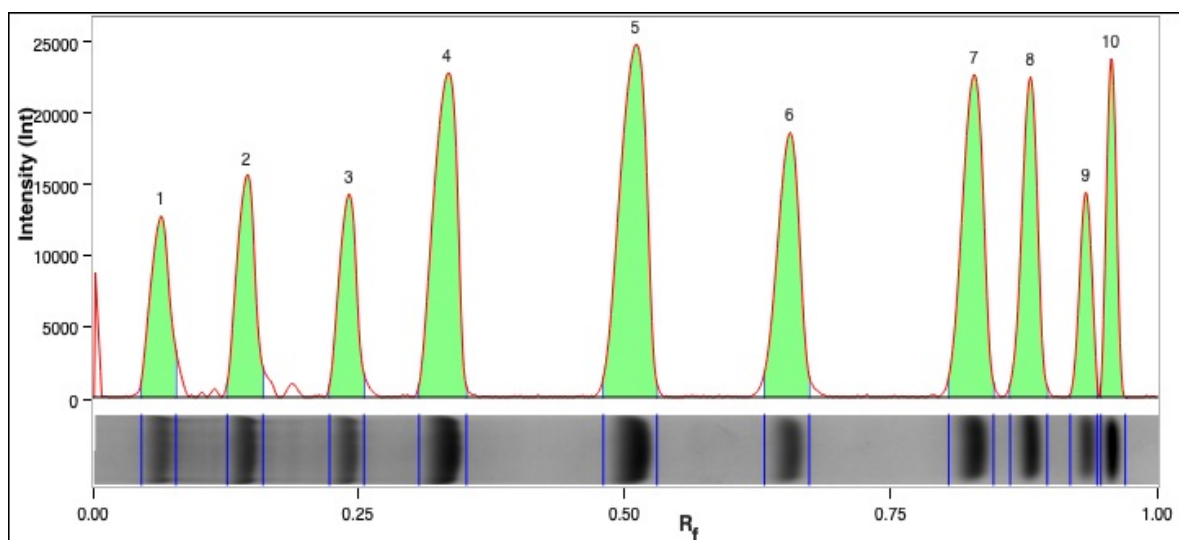
Detection	<p>Lane detection: Manually created lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus Standard lanes: first Regression method: Point to Point (semi-log)</p>

Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	257.126.325	786.987.150	265.818.375	1.646.175.300	1.380.356.925	N/A
2	124.272.864	439.668.096	145.481.952	1.760.781.600	1.615.299.648	N/A
3	163.922.208	552.881.760	186.211.872	1.824.885.792	1.638.673.920	N/A
4	134.033.856	545.280.192	159.356.736	1.881.105.696	1.721.748.960	N/A
5	122.320.992	537.954.048	140.489.184	1.881.525.888	1.741.036.704	N/A
6	110.641.152	389.945.472	126.676.224	1.727.378.784	1.600.702.560	N/A
7	109.488.768	345.741.696	128.892.384	1.667.385.408	1.538.493.024	N/A
8	86.701.344	397.456.800	112.106.976	1.849.007.328	1.736.900.352	N/A
9	142.570.944	488.923.488	161.446.944	1.721.606.976	1.560.160.032	N/A
10	149.971.104	523.178.304	169.962.624	1.697.404.992	1.527.442.368	N/A

Lane And Band Analysis

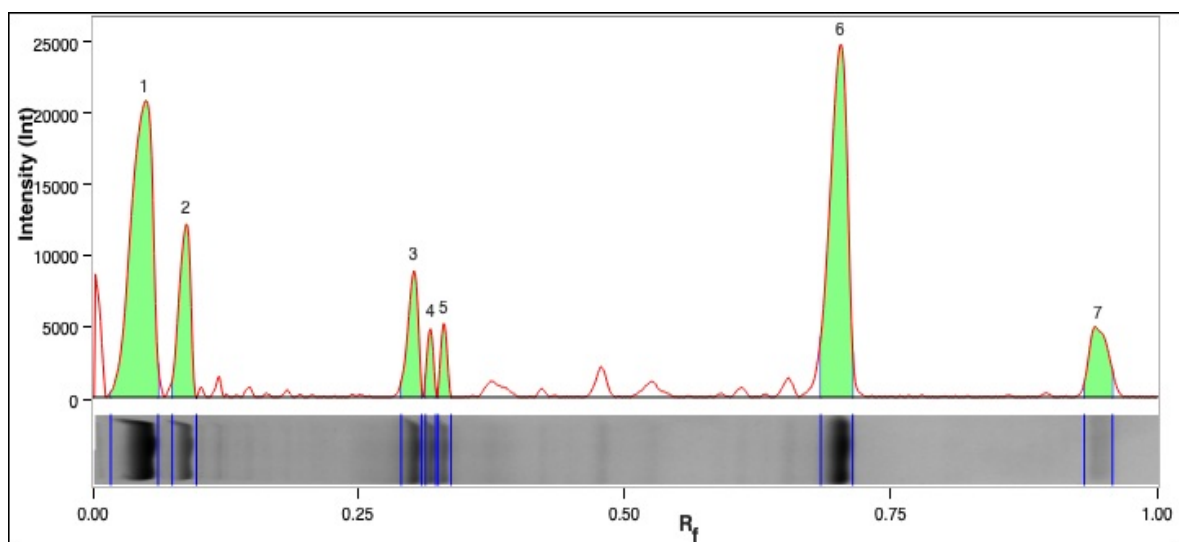
Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,065	17.047.575	70.658.175	N/A	N/A	6,6	6,4
2		150,0	0,145	20.049.525	77.173.275	N/A	N/A	7,8	7,5
3		100,0	0,241	17.523.300	69.173.850	N/A	N/A	6,8	6,6
4		75,0	0,334	38.182.800	104.599.575	N/A	N/A	14,8	14,4
5		50,0	0,510	46.669.125	114.614.400	N/A	N/A	18,2	17,6
6		37,0	0,655	28.937.025	83.538.975	N/A	N/A	11,3	10,9
7		25,0	0,828	34.036.650	89.662.200	N/A	N/A	13,2	12,8
8		20,0	0,881	24.978.225	73.129.350	N/A	N/A	9,7	9,4
9		15,0	0,933	12.621.600	52.747.800	N/A	N/A	4,9	4,7
10		10,0	0,957	17.080.500	51.689.550	N/A	N/A	6,6	6,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.12 mm
Regression Equation	A single equation is not available for this method

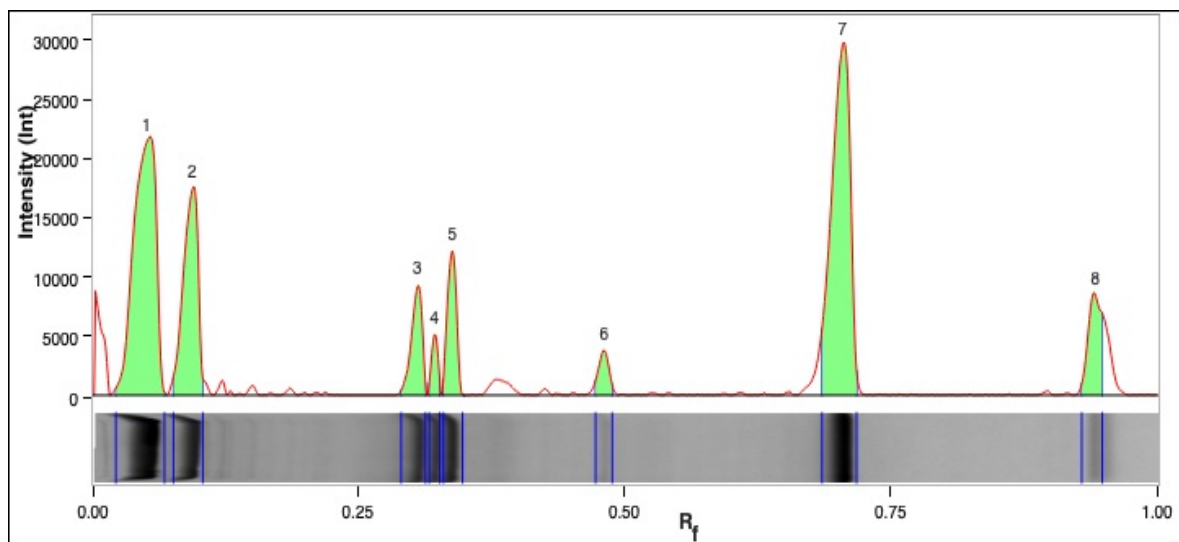
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	44.638.080	128.399.712	N/A	N/A	35,9	30,7
2		214,6	0,089	13.740.384	58.037.664	N/A	N/A	11,1	9,4
3		82,7	0,303	8.848.704	52.288.704	N/A	N/A	7,1	6,1
4		78,7	0,318	2.974.176	28.875.744	N/A	N/A	2,4	2,0
5		75,8	0,330	3.276.576	33.427.872	N/A	N/A	2,6	2,3
6		33,3	0,702	41.913.120	90.537.312	N/A	N/A	33,7	28,8
7		12,2	0,945	8.881.824	48.101.088	N/A	N/A	7,1	6,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

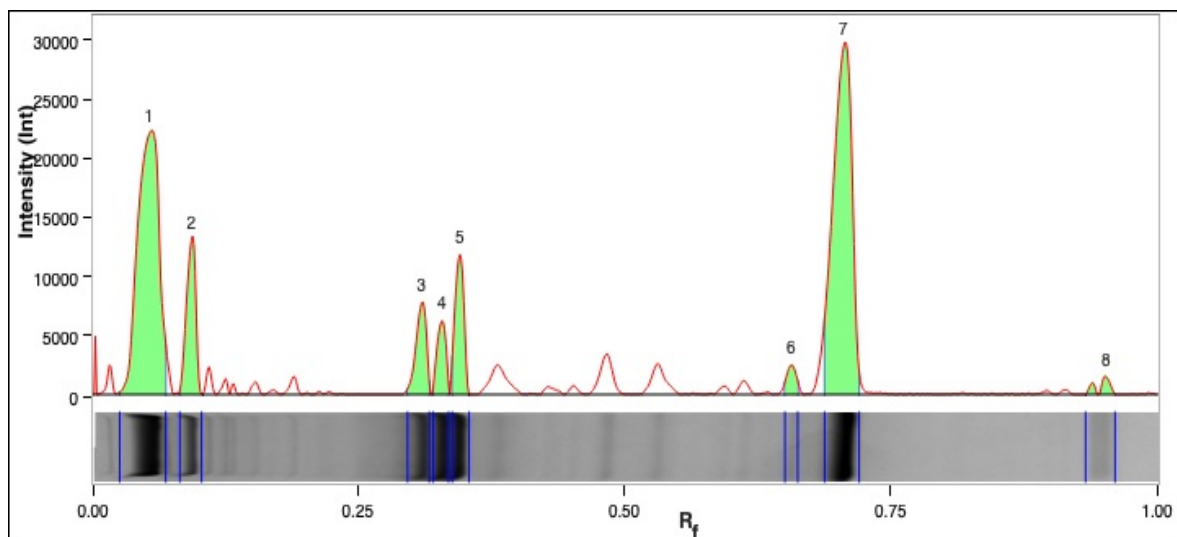
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	47.425.152	136.725.120	N/A	N/A	28,9	25,5
2		206,6	0,095	25.037.856	82.946.880	N/A	N/A	15,3	13,4
3		81,7	0,306	9.650.400	65.490.720	N/A	N/A	5,9	5,2
4		77,9	0,322	3.220.032	33.379.392	N/A	N/A	2,0	1,7
5		74,2	0,339	10.867.584	58.105.920	N/A	N/A	6,6	5,8
6		53,4	0,481	3.727.584	30.345.696	N/A	N/A	2,3	2,0
7		33,1	0,705	52.578.720	105.411.264	N/A	N/A	32,1	28,2
8		12,8	0,942	11.414.880	40.476.768	N/A	N/A	7,0	6,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

Lane 4

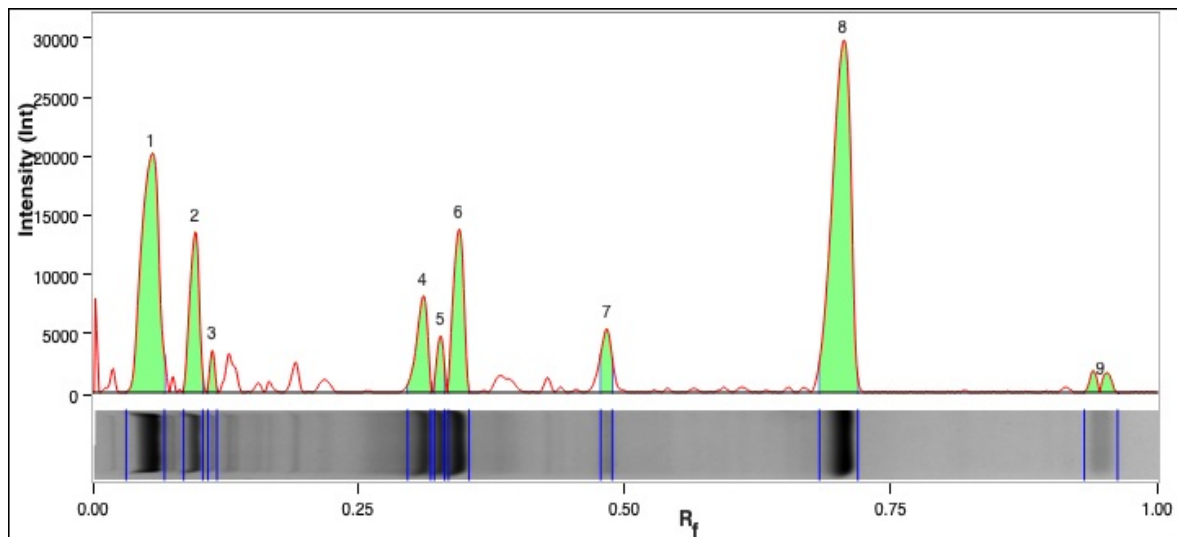


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	44.817.216	130.711.776	N/A	N/A	33,4	28,1
2		208,2	0,094	11.466.240	54.711.168	N/A	N/A	8,6	7,2
3		80,8	0,310	7.518.240	62.643.840	N/A	N/A	5,6	4,7
4		76,1	0,329	5.245.632	55.635.552	N/A	N/A	3,9	3,3
5		73,0	0,346	9.873.216	56.930.016	N/A	N/A	7,4	6,2
6		36,9	0,657	2.194.176	27.606.816	N/A	N/A	1,6	1,4
7		33,0	0,706	51.298.080	108.694.848	N/A	N/A	38,3	32,2
8		10,8	0,952	1.621.056	48.346.176	N/A	N/A	1,2	1,0

Band Detection	Automatically detected bands with sensitivity: Low
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Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

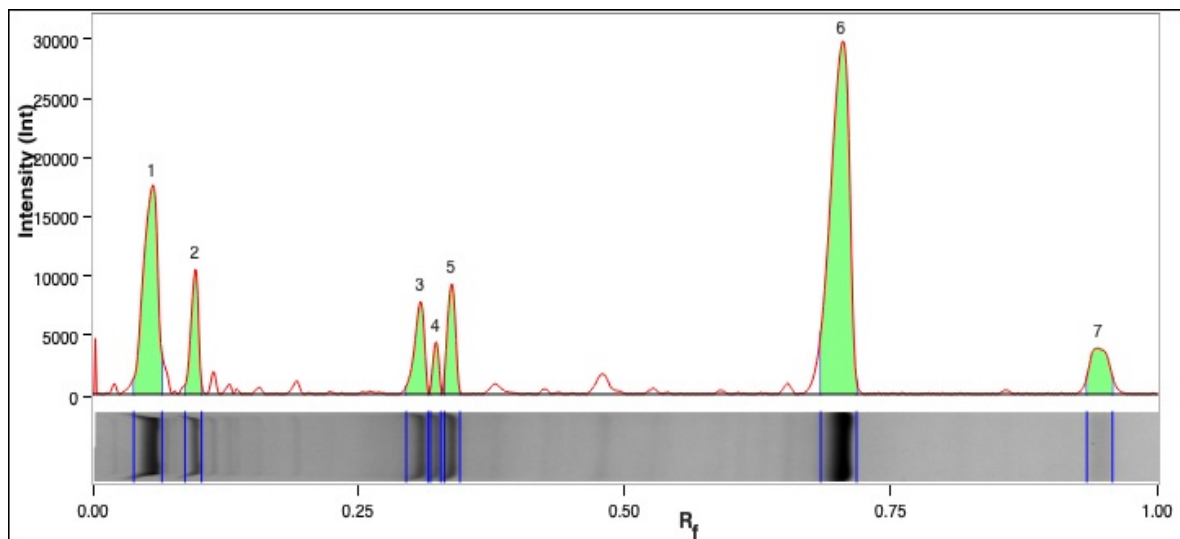
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	30.966.720	107.639.424	N/A	N/A	25,3	22,0
2		203,5	0,097	11.361.984	53.978.208	N/A	N/A	9,3	8,1
3		184,3	0,113	1.503.840	18.298.944	N/A	N/A	1,2	1,1
4		80,5	0,311	7.821.696	65.570.112	N/A	N/A	6,4	5,6
5		76,4	0,328	2.853.024	34.972.224	N/A	N/A	2,3	2,0
6		73,2	0,345	12.784.800	66.976.320	N/A	N/A	10,5	9,1
7		53,1	0,484	4.091.904	24.395.328	N/A	N/A	3,3	2,9
8		33,1	0,705	48.515.808	110.450.496	N/A	N/A	39,7	34,5
9		11,8	0,947	2.421.216	55.672.992	N/A	N/A	2,0	1,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

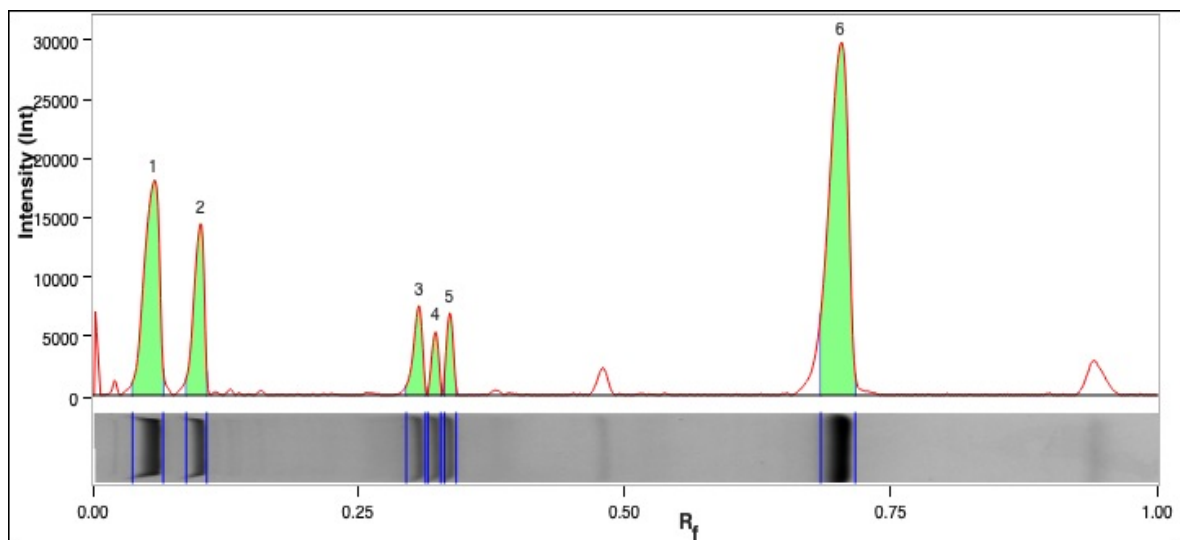
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,056	24.817.632	75.173.184	N/A	N/A	22,4	19,6
2		203,5	0,097	7.839.264	41.380.320	N/A	N/A	7,1	6,2
3		81,1	0,309	7.499.616	55.287.456	N/A	N/A	6,8	5,9
4		77,6	0,323	2.559.168	28.188.864	N/A	N/A	2,3	2,0
5		74,4	0,337	7.360.128	42.688.224	N/A	N/A	6,7	5,8
6		33,2	0,703	53.559.168	108.249.312	N/A	N/A	48,4	42,3
7		12,2	0,945	7.006.176	38.978.112	N/A	N/A	6,3	5,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

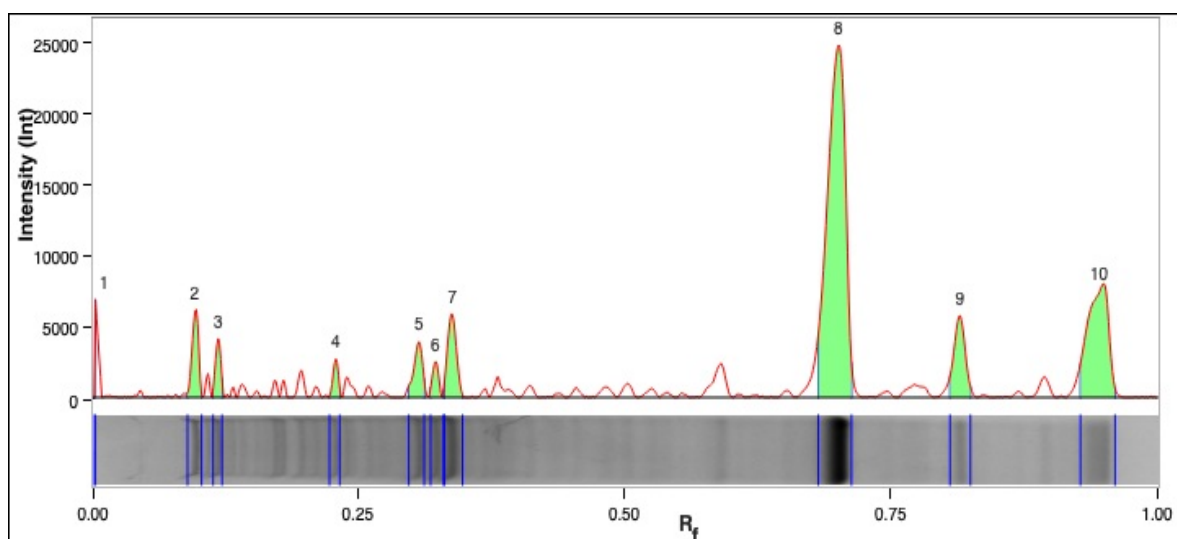
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,058	26.759.904	80.058.432	N/A	N/A	24,4	20,8
2		197,4	0,102	14.518.656	52.041.696	N/A	N/A	13,3	11,3
3		81,4	0,307	6.566.496	46.127.520	N/A	N/A	6,0	5,1
4		77,6	0,323	3.595.968	33.300.288	N/A	N/A	3,3	2,8
5		74,6	0,336	4.543.776	31.320.480	N/A	N/A	4,1	3,5
6		33,3	0,702	53.503.968	102.893.280	N/A	N/A	48,9	41,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

Lane 8

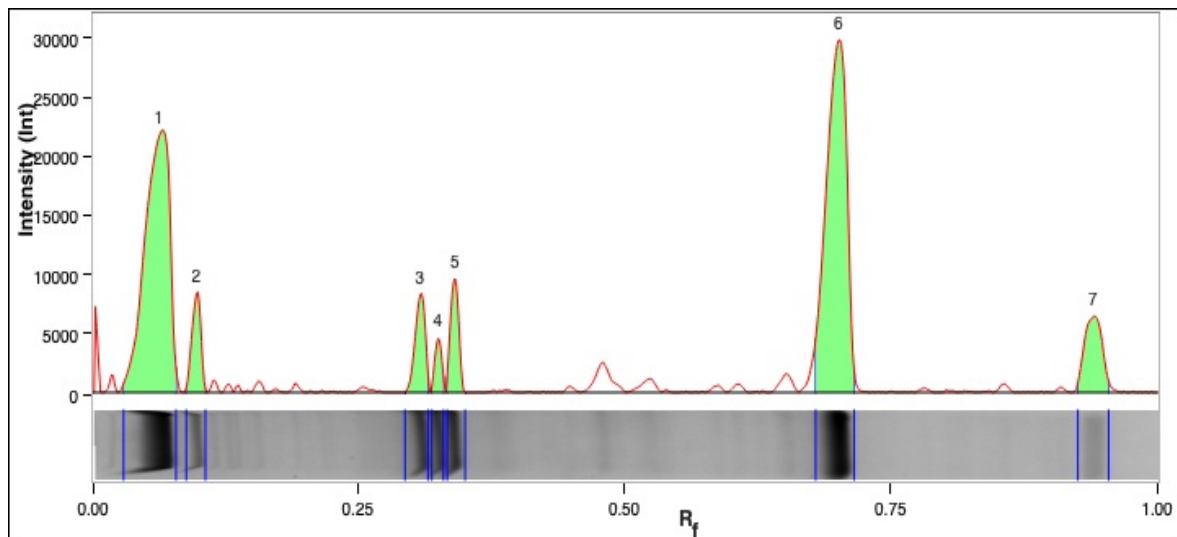


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,004	1.368.576	4.424.448	N/A	N/A	1,6	1,2
2		203,5	0,097	4.042.944	30.137.664	N/A	N/A	4,7	3,6
3		177,4	0,119	2.290.368	23.568.096	N/A	N/A	2,6	2,0
4		105,2	0,229	1.439.424	23.522.016	N/A	N/A	1,7	1,3
5		81,4	0,307	3.351.552	37.346.592	N/A	N/A	3,9	3,0
6		77,6	0,323	1.614.528	32.911.104	N/A	N/A	1,9	1,4
7		74,2	0,339	5.283.744	45.541.152	N/A	N/A	6,1	4,7
8		33,4	0,701	44.366.784	98.835.072	N/A	N/A	51,2	39,6
9		25,8	0,815	6.423.744	37.691.328	N/A	N/A	7,4	5,7
10		12,0	0,946	16.519.680	63.479.328	N/A	N/A	19,1	14,7

Band Detection	Automatically detected bands with sensitivity: Low
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Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

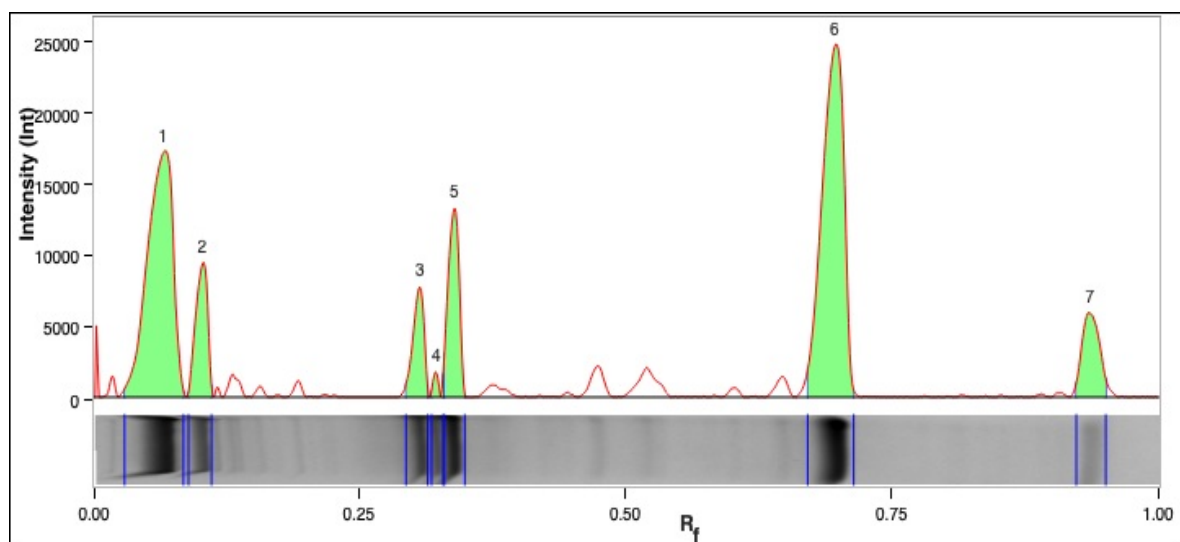
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,064	50.786.688	139.011.552	N/A	N/A	35,6	31,5
2		201,9	0,098	7.048.896	40.716.960	N/A	N/A	4,9	4,4
3		81,1	0,309	7.759.008	60.078.624	N/A	N/A	5,4	4,8
4		77,0	0,325	2.919.360	35.724.192	N/A	N/A	2,0	1,8
5		73,8	0,341	7.469.952	50.751.936	N/A	N/A	5,2	4,6
6		33,4	0,701	55.895.136	112.626.240	N/A	N/A	39,2	34,6
7		13,3	0,940	10.691.904	50.013.984	N/A	N/A	7,5	6,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method

Lane 10



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		248,1	0,066	46.222.944	144.943.488	N/A	N/A	30,8	27,2
2		195,9	0,103	11.807.328	56.912.448	N/A	N/A	7,9	6,9
3		81,4	0,307	8.710.752	55.920.768	N/A	N/A	5,8	5,1
4		77,6	0,323	1.201.248	33.737.376	N/A	N/A	0,8	0,7
5		74,0	0,340	15.245.856	62.435.808	N/A	N/A	10,2	9,0
6		33,7	0,696	56.016.576	120.703.776	N/A	N/A	37,4	33,0
7		14,1	0,936	10.766.400	48.524.640	N/A	N/A	7,2	6,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.55 mm
Regression Equation	A single equation is not available for this method