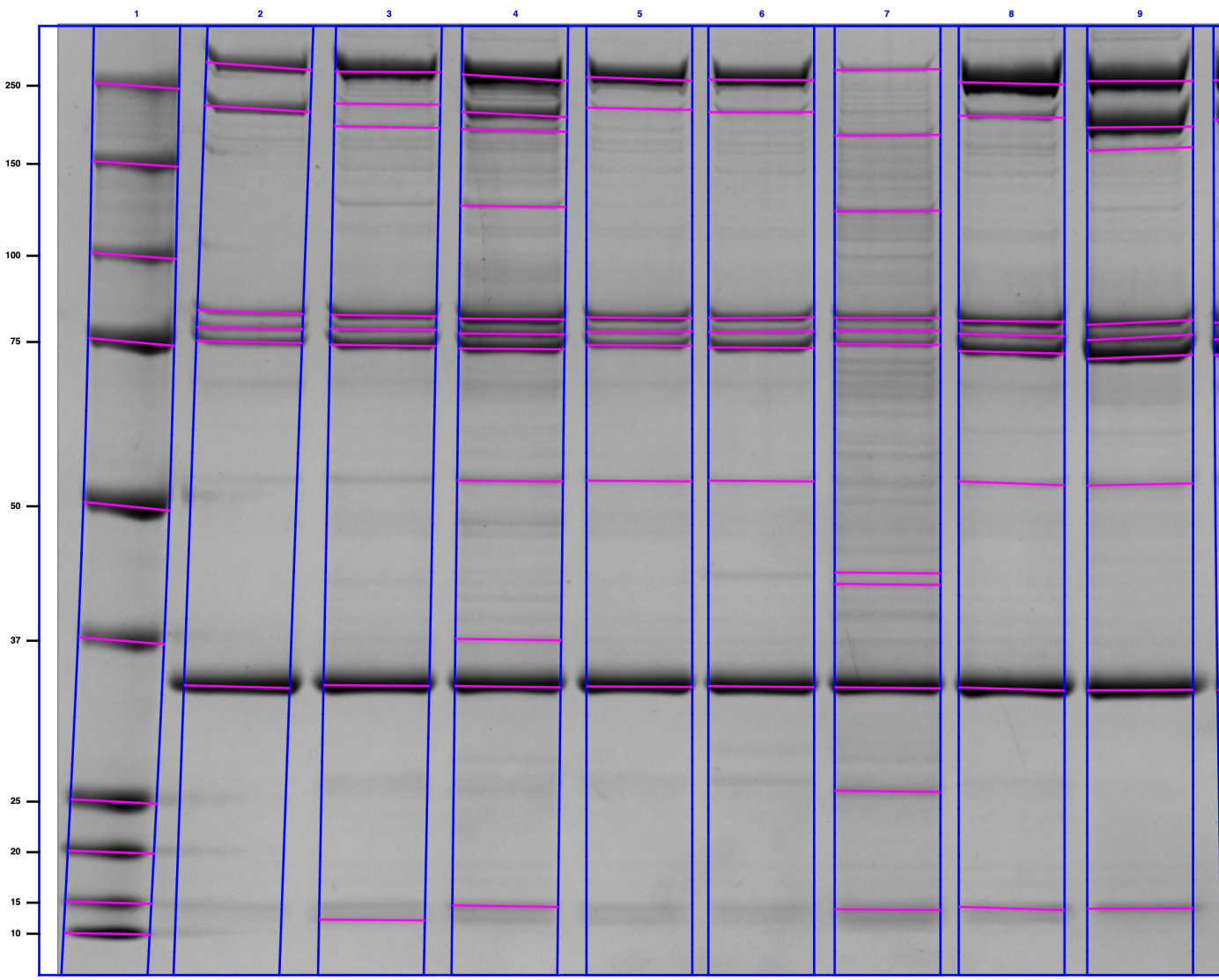


Image Report: 2prom 3c 3d 3e 3f 3g 3i 3ctr 3spir



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 4/2prom 3c 3d 3e 3f 3g 3i 3ctr 3spir.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.049 (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	9/8/2023 2:10:56 PM
User Name	FisioLab
Image Area (mm)	X: 77.0 Y: 56.5
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	14217 - 58155

Analysis Settings

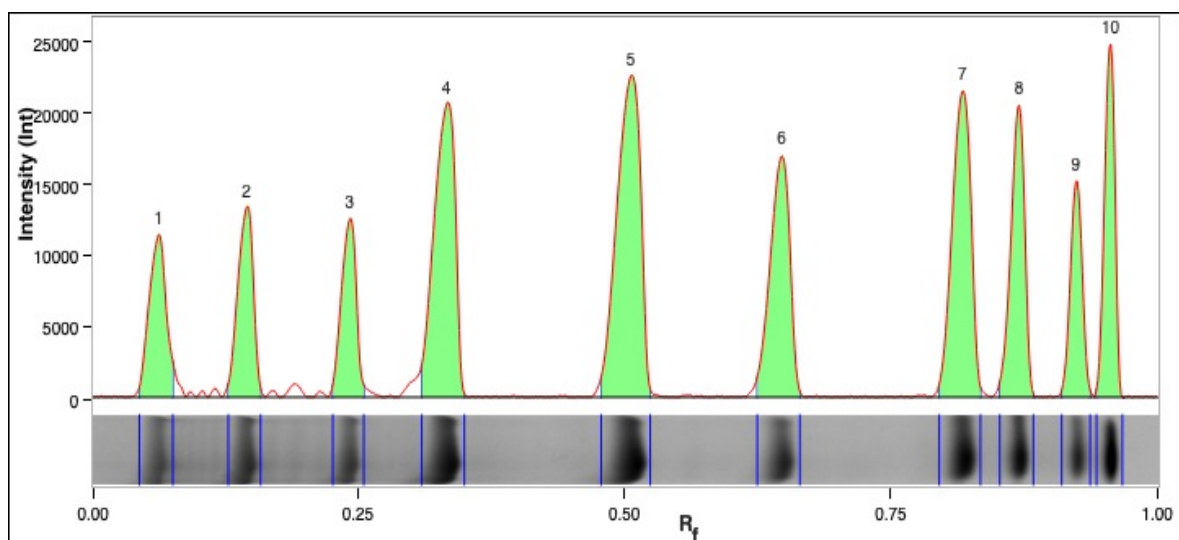
Detection	Lane detection: Manually created lanes Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands Lane Background Subtraction: Lane background subtracted with disk size: 0.1 Lane width: Variable
Mol. Weight Analysis	Standard: Bio-Rad Precision Plus Standard lanes: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

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	239.523.075	684.270.975	246.662.625	1.494.965.175	1.248.302.550	N/A
2	113.349.520	323.092.132	131.518.692	1.508.503.576	1.376.984.884	N/A
3	131.971.240	420.233.828	146.820.500	1.561.481.132	1.414.660.632	N/A
4	161.673.716	580.280.524	182.505.460	1.711.763.408	1.529.257.948	N/A
5	122.952.940	349.597.332	135.902.216	1.530.657.820	1.394.755.604	N/A
6	124.461.004	359.437.284	144.701.464	1.554.263.640	1.409.562.176	N/A
7	81.826.364	400.294.300	107.799.620	1.672.606.184	1.564.806.564	N/A
8	170.679.044	483.389.252	189.996.560	1.639.088.376	1.449.091.816	N/A
9	206.426.012	623.338.916	221.059.440	1.710.756.468	1.489.697.028	N/A
10	139.072.720	429.277.796	155.896.852	1.542.268.864	1.386.372.012	N/A

Lane And Band Analysis

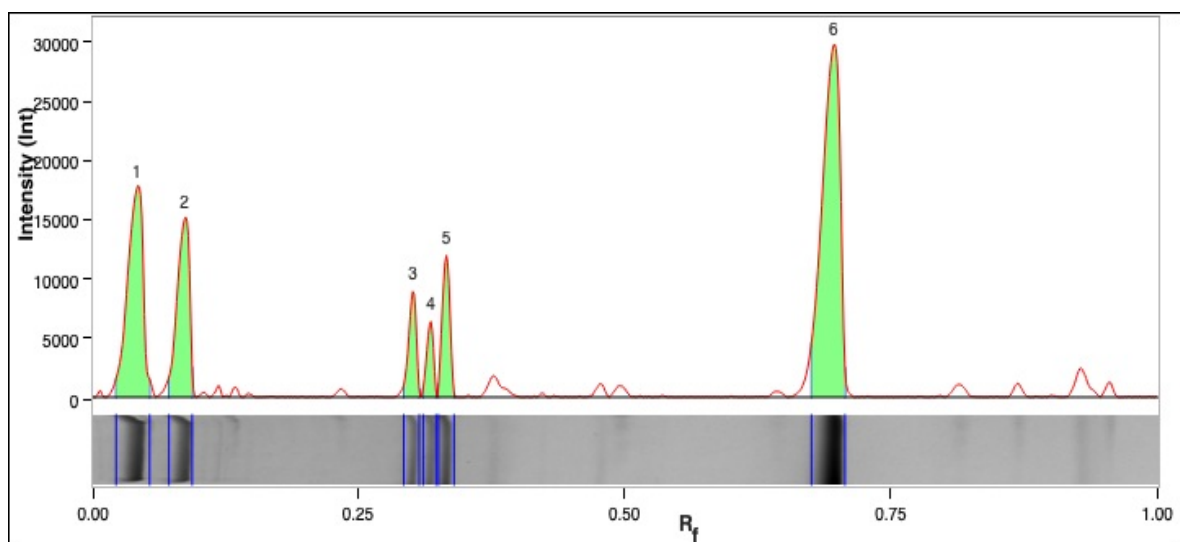
Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,063	15.360.000	60.563.700	N/A	N/A	6,4	6,2
2		150,0	0,145	16.449.750	63.181.050	N/A	N/A	6,9	6,7
3		100,0	0,242	14.715.525	57.315.300	N/A	N/A	6,1	6,0
4		75,0	0,333	34.688.475	88.398.525	N/A	N/A	14,5	14,1
5		50,0	0,506	42.505.425	99.155.475	N/A	N/A	17,7	17,2
6		37,0	0,648	26.359.500	74.130.300	N/A	N/A	11,0	10,7
7		25,0	0,817	32.059.275	79.855.050	N/A	N/A	13,4	13,0
8		20,0	0,870	22.473.525	62.066.025	N/A	N/A	9,4	9,1
9		15,0	0,924	14.388.675	49.372.950	N/A	N/A	6,0	5,8
10		10,0	0,956	20.522.925	50.232.600	N/A	N/A	8,6	8,3

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

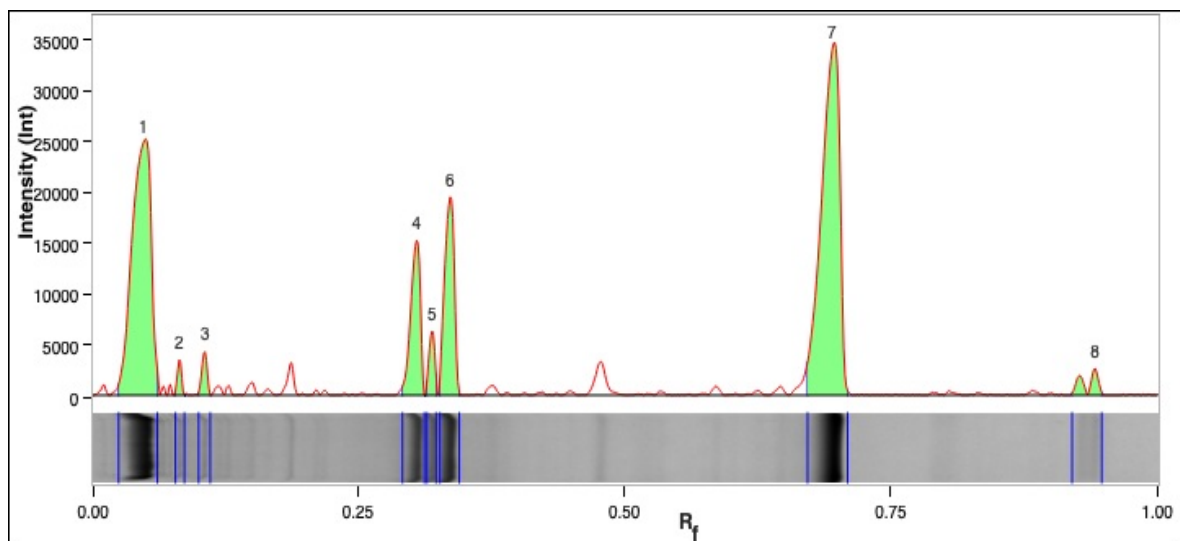
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,042	26.140.236	75.850.228	N/A	N/A	23,1	19,9
2		215,1	0,087	17.787.464	55.032.744	N/A	N/A	15,7	13,5
3		82,9	0,301	6.403.108	30.726.436	N/A	N/A	5,6	4,9
4		78,5	0,318	4.121.968	28.949.640	N/A	N/A	3,6	3,1
5		75,0	0,333	8.780.020	38.327.292	N/A	N/A	7,7	6,7
6		33,1	0,696	50.116.724	94.205.792	N/A	N/A	44,2	38,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

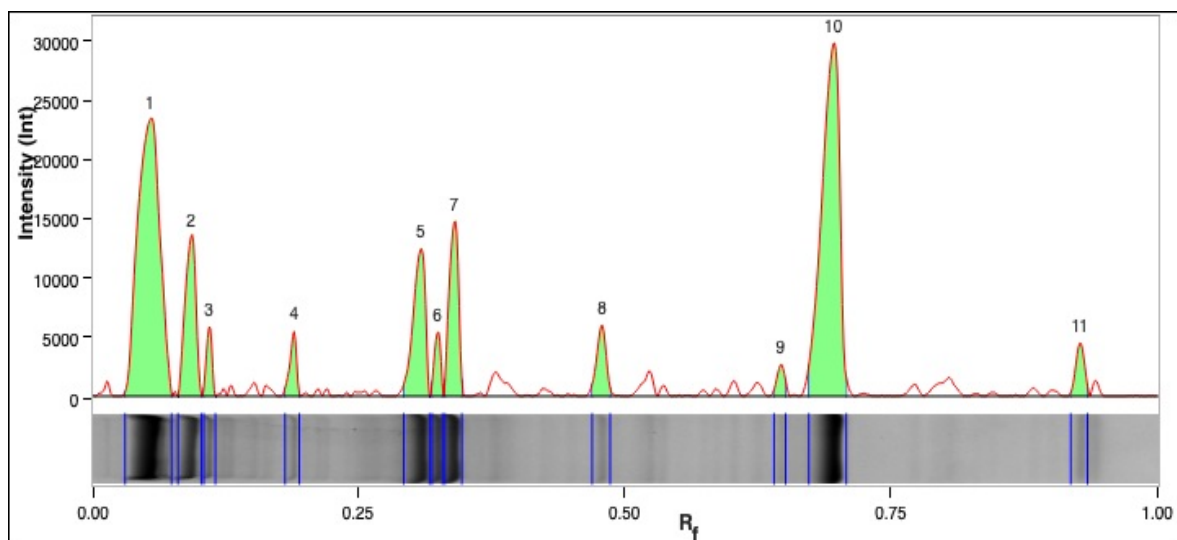
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,048	41.062.636	105.280.568	N/A	N/A	31,1	28,0
2		221,7	0,082	1.239.424	17.396.832	N/A	N/A	0,9	0,8
3		190,8	0,107	1.931.816	21.189.716	N/A	N/A	1,5	1,3
4		81,9	0,305	12.329.932	51.413.832	N/A	N/A	9,3	8,4
5		78,2	0,320	3.148.792	23.357.144	N/A	N/A	2,4	2,1
6		74,4	0,337	16.114.996	54.019.272	N/A	N/A	12,2	11,0
7		33,2	0,695	53.360.828	104.005.448	N/A	N/A	40,4	36,3
8		12,0	0,942	2.782.816	43.571.016	N/A	N/A	2,1	1,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

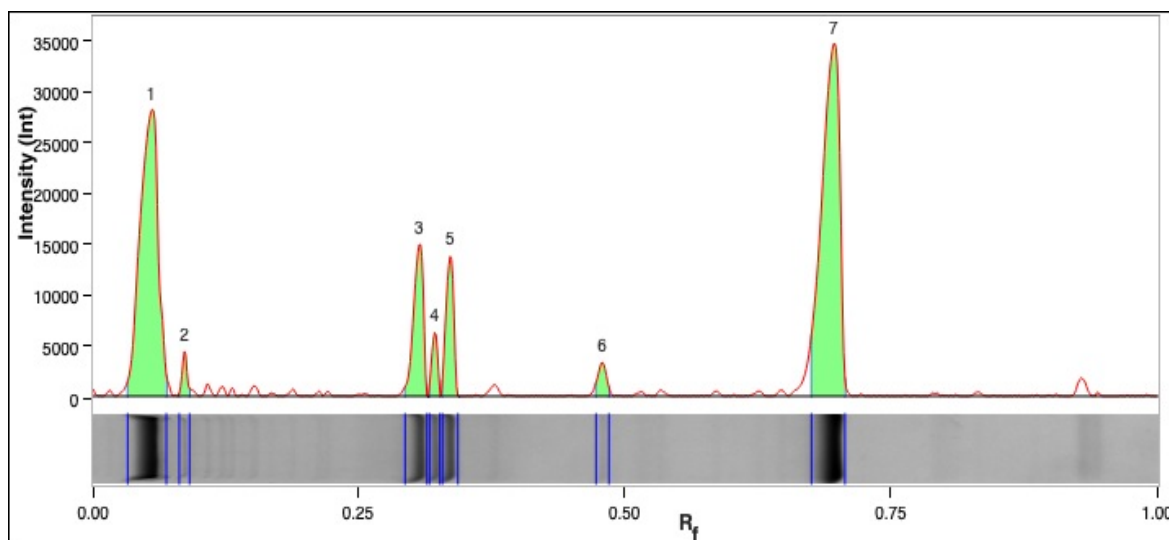
Lane 4



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	49.330.216	129.621.008	N/A	N/A	30,5	27,0
2		207,2	0,093	13.855.660	59.103.376	N/A	N/A	8,6	7,6
3		186,5	0,110	3.155.048	25.425.856	N/A	N/A	2,0	1,7
4		124,4	0,190	3.392.500	27.838.740	N/A	N/A	2,1	1,9
5		81,0	0,309	14.161.928	69.967.656	N/A	N/A	8,8	7,8
6		77,0	0,324	3.309.056	31.953.440	N/A	N/A	2,0	1,8
7		73,7	0,340	13.216.168	53.181.060	N/A	N/A	8,2	7,2
8		53,2	0,479	5.327.904	31.274.020	N/A	N/A	3,3	2,9
9		37,1	0,646	1.984.808	21.497.272	N/A	N/A	1,2	1,1
10		33,1	0,696	50.203.848	102.257.172	N/A	N/A	31,1	27,5
11		14,3	0,927	3.736.580	28.160.924	N/A	N/A	2,3	2,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

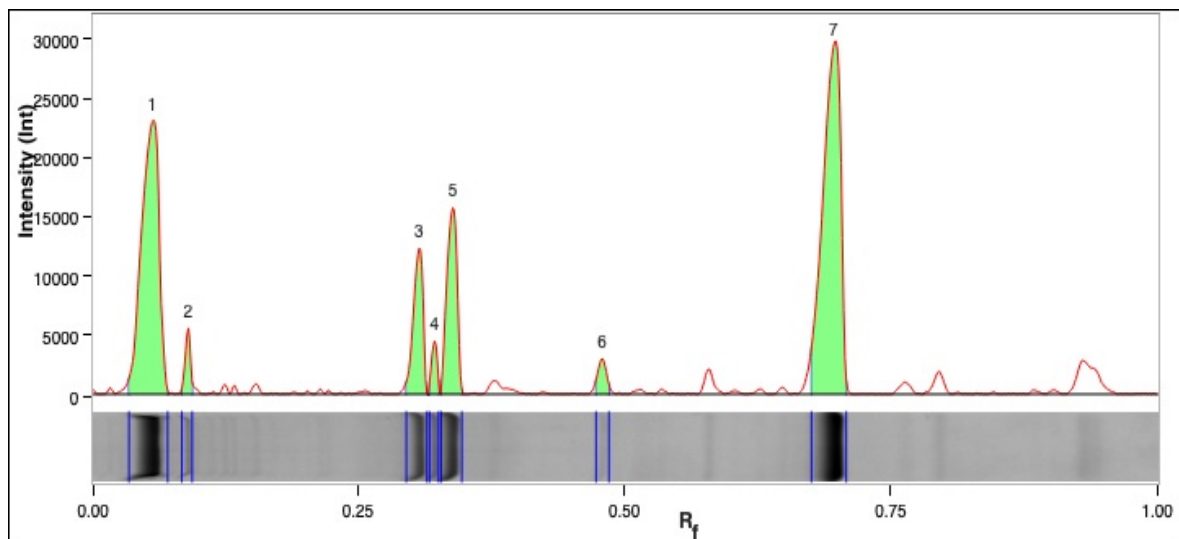
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,056	43.138.524	101.503.048	N/A	N/A	35,1	31,7
2		215,1	0,087	1.799.980	18.452.164	N/A	N/A	1,5	1,3
3		81,3	0,308	12.170.588	50.051.864	N/A	N/A	9,9	9,0
4		77,6	0,322	3.119.352	24.981.680	N/A	N/A	2,5	2,3
5		74,4	0,337	9.001.372	39.441.044	N/A	N/A	7,3	6,6
6		53,2	0,479	2.317.756	20.497.600	N/A	N/A	1,9	1,7
7		33,1	0,696	51.405.368	94.669.932	N/A	N/A	41,8	37,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

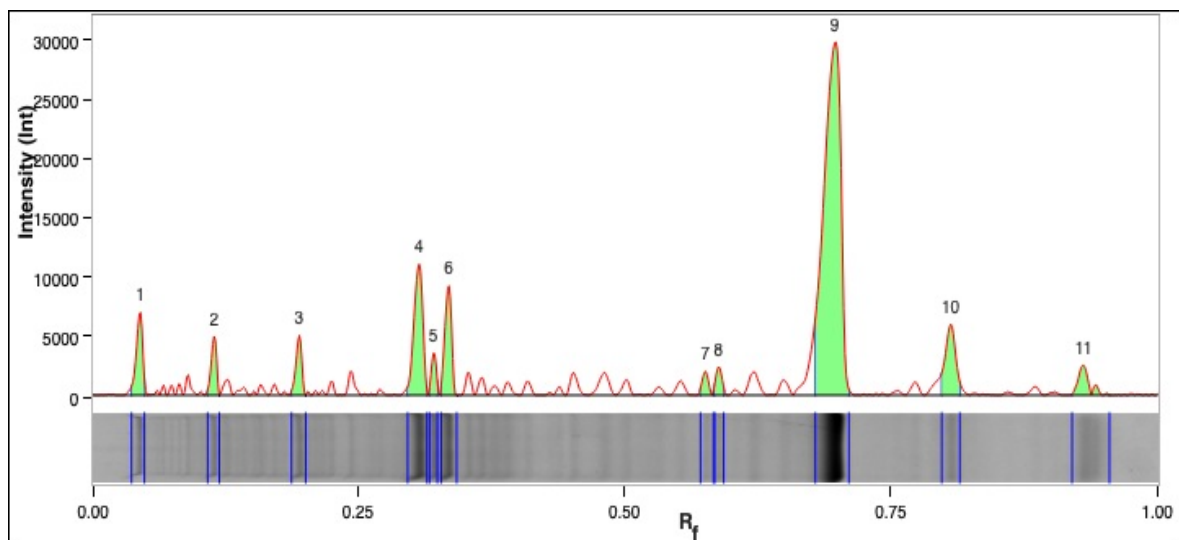
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	39.075.252	96.991.828	N/A	N/A	31,4	27,0
2		210,3	0,091	2.883.188	21.748.524	N/A	N/A	2,3	2,0
3		81,3	0,308	11.300.820	46.249.136	N/A	N/A	9,1	7,8
4		77,6	0,322	2.484.920	21.940.160	N/A	N/A	2,0	1,7
5		73,9	0,339	15.608.444	54.411.836	N/A	N/A	12,5	10,8
6		53,2	0,479	2.433.032	20.374.320	N/A	N/A	2,0	1,7
7		33,1	0,696	50.675.348	97.721.480	N/A	N/A	40,7	35,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

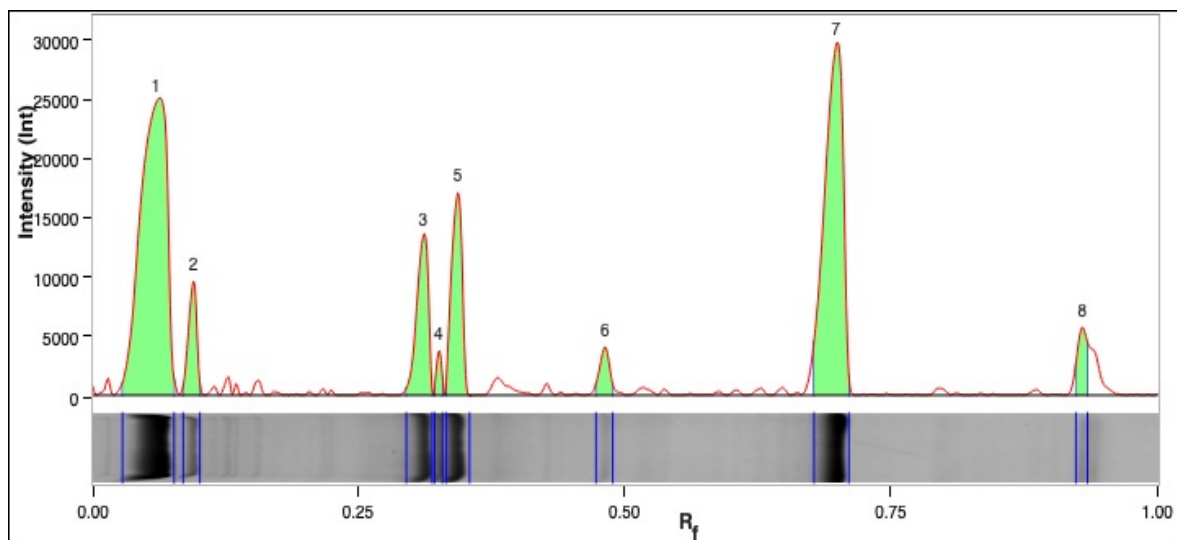
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,046	4.125.464	25.412.056	N/A	N/A	5,0	3,8
2		181,0	0,115	2.464.864	22.429.324	N/A	N/A	3,0	2,3
3		121,9	0,195	2.699.740	27.532.564	N/A	N/A	3,3	2,5
4		81,3	0,308	8.938.536	43.902.584	N/A	N/A	10,9	8,3
5		77,9	0,321	1.624.352	19.110.700	N/A	N/A	2,0	1,5
6		74,6	0,335	5.757.636	35.282.920	N/A	N/A	7,0	5,3
7		43,1	0,576	1.157.452	22.163.168	N/A	N/A	1,4	1,1
8		42,0	0,588	1.336.208	16.595.328	N/A	N/A	1,6	1,2
9		33,0	0,697	45.588.208	93.033.068	N/A	N/A	55,7	42,3
10		25,6	0,806	5.620.556	32.096.316	N/A	N/A	6,9	5,2
11		13,7	0,931	2.513.348	62.736.272	N/A	N/A	3,1	2,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

Lane 8

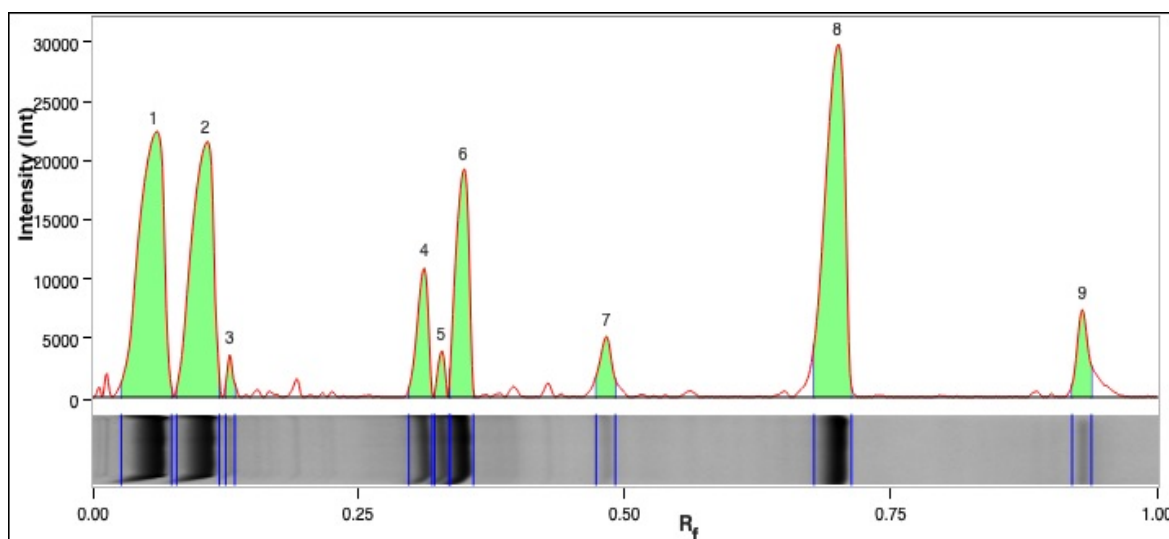


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,061	65.470.696	146.460.136	N/A	N/A	38,4	34,5
2		204,1	0,096	7.834.720	36.994.856	N/A	N/A	4,6	4,1
3		80,4	0,311	15.303.924	65.715.784	N/A	N/A	9,0	8,1
4		76,7	0,326	1.924.364	21.973.556	N/A	N/A	1,1	1,0
5		73,1	0,344	17.833.280	63.184.680	N/A	N/A	10,4	9,4
6		52,9	0,482	3.853.236	27.097.128	N/A	N/A	2,3	2,0
7		32,9	0,699	53.201.392	101.094.752	N/A	N/A	31,2	28,0

8		13,9	0,930	5.257.432	20.868.360	N/A	N/A	3,1	2,8
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Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

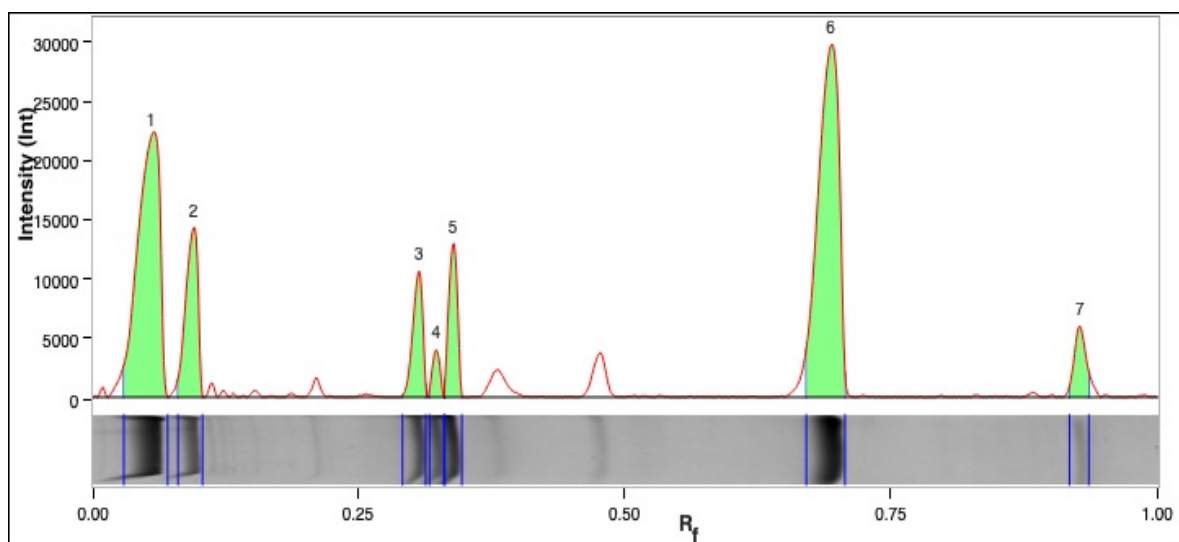
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,058	53.077.192	136.370.128	N/A	N/A	25,7	24,0
2		190,8	0,107	44.932.432	119.671.024	N/A	N/A	21,8	20,3
3		165,4	0,130	1.997.596	19.565.548	N/A	N/A	1,0	0,9
4		80,1	0,312	11.421.800	58.548.248	N/A	N/A	5,5	5,2
5		76,2	0,328	2.675.636	41.582.988	N/A	N/A	1,3	1,2
6		72,3	0,349	23.843.272	76.526.244	N/A	N/A	11,6	10,8
7		52,8	0,483	5.733.256	31.998.428	N/A	N/A	2,8	2,6
8		32,8	0,700	55.138.544	104.775.580	N/A	N/A	26,7	24,9
9		13,9	0,930	7.606.284	34.300.728	N/A	N/A	3,7	3,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 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		250,0	0,056	42.675.580	105.179.368	N/A	N/A	30,7	27,4
2		204,1	0,096	15.202.816	52.682.052	N/A	N/A	10,9	9,8
3		81,3	0,308	9.091.992	51.617.244	N/A	N/A	6,5	5,8
4		77,3	0,323	2.631.844	37.406.740	N/A	N/A	1,9	1,7
5		73,9	0,339	9.891.932	46.378.212	N/A	N/A	7,1	6,3
6		33,3	0,694	53.757.532	104.113.732	N/A	N/A	38,7	34,5
7		14,3	0,927	5.821.024	31.900.448	N/A	N/A	4,2	3,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method