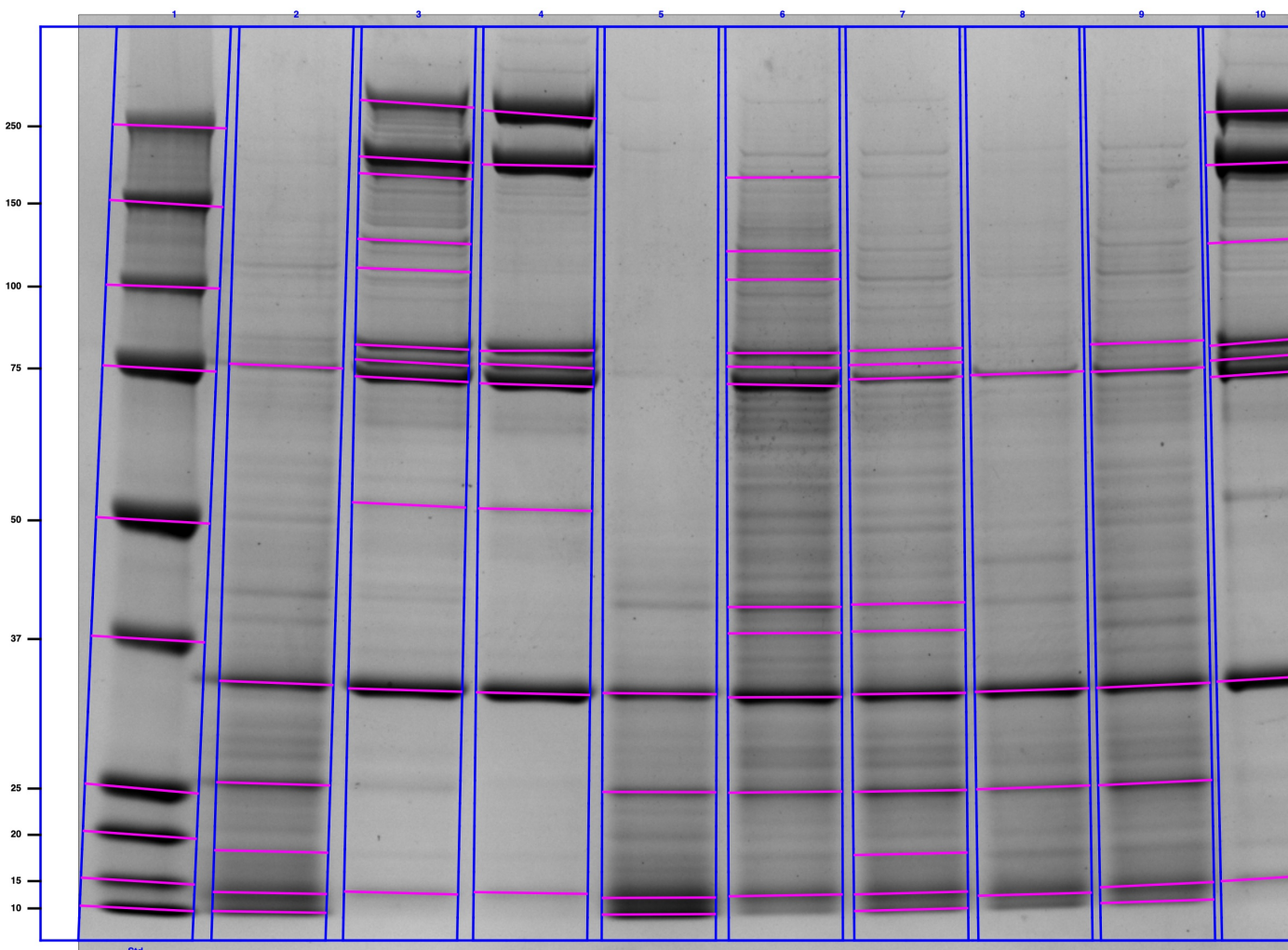


Image Report: 30.06.23 d2 d2 e2 f2 f2 g2 h2 i2 m2



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana1.30-06/gel/30.06.23 d2 d2 e2 f2 f2 g2 h2 i2 m2.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	6.554 (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	17/7/2023 9:50:26 AM
User Name	FisioLab
Image Area (mm)	X: 73.2 Y: 53.8
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	17311 - 60875

Analysis Settings

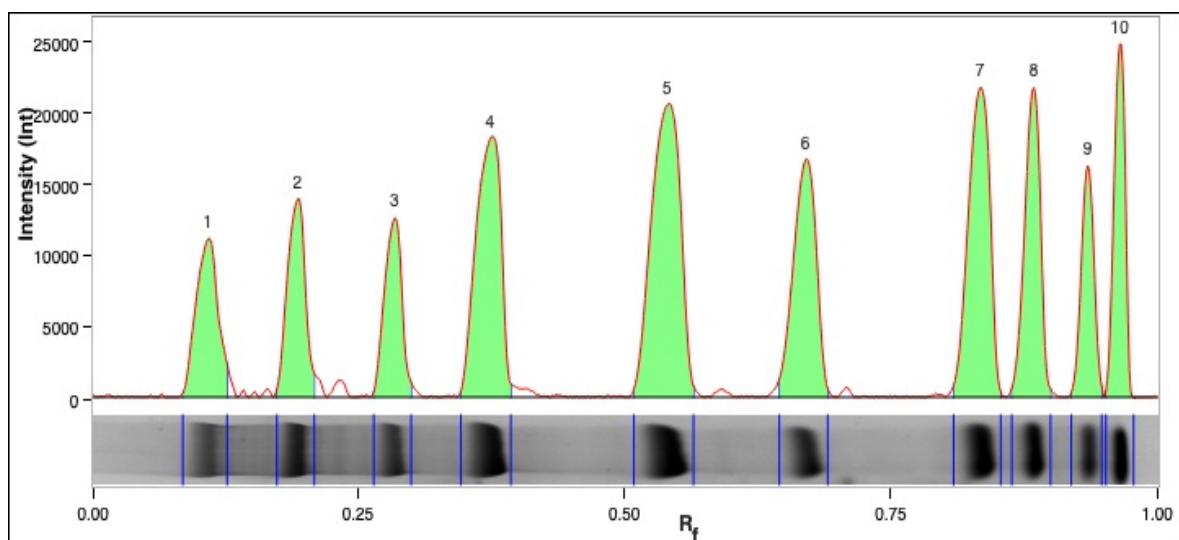
Detection	<p>Lane detection: Automatically detected lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: 6.55 mm</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: first</p> <p>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	287.779.872	1.121.112.000	295.448.544	2.282.361.792	1.986.913.248	N/A
2	55.734.432	382.286.688	85.701.312	2.079.062.400	1.993.361.088	N/A
3	129.476.160	620.094.624	159.447.936	2.090.648.928	1.931.200.992	N/A
4	184.402.464	613.802.880	201.517.152	2.068.310.208	1.866.793.056	N/A
5	42.941.376	273.008.160	59.198.112	1.984.259.808	1.925.061.696	N/A
6	91.093.920	521.166.816	129.985.536	2.320.489.440	2.190.503.904	N/A
7	65.282.208	430.042.560	98.395.104	2.155.905.312	2.057.510.208	N/A
8	48.934.560	274.527.072	66.770.496	2.035.065.408	1.968.294.912	N/A
9	56.049.504	332.266.560	91.183.008	2.177.890.272	2.086.707.264	N/A
10	162.013.728	649.017.024	181.776.672	2.096.713.248	1.914.936.576	N/A

Lane And Band Analysis

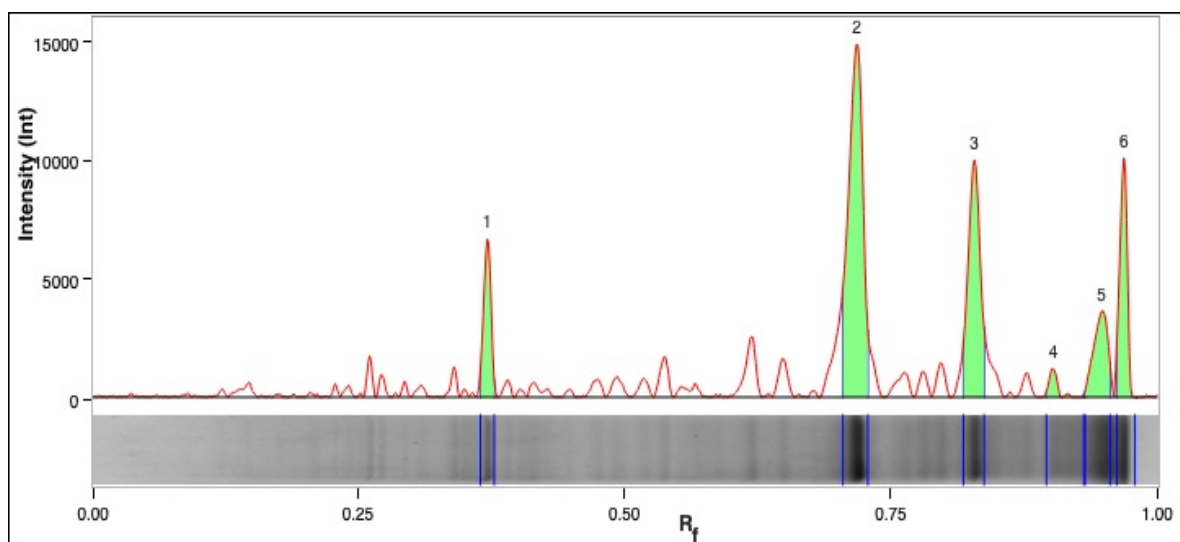
Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,109	20.339.904	108.619.392	N/A	N/A	7,1	6,9
2		150,0	0,194	20.830.848	104.759.232	N/A	N/A	7,2	7,1
3		100,0	0,284	18.184.416	97.700.640	N/A	N/A	6,3	6,2
4		75,0	0,374	38.335.104	138.747.264	N/A	N/A	13,3	13,0
5		50,0	0,540	50.082.048	160.604.928	N/A	N/A	17,4	17,0
6		37,0	0,670	31.828.320	120.904.224	N/A	N/A	11,1	10,8
7		25,0	0,834	39.137.760	129.026.112	N/A	N/A	13,6	13,2
8		20,0	0,884	28.527.744	104.632.032	N/A	N/A	9,9	9,7
9		15,0	0,935	17.317.728	80.751.936	N/A	N/A	6,0	5,9
10		10,0	0,965	23.196.000	75.366.240	N/A	N/A	8,1	7,9

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

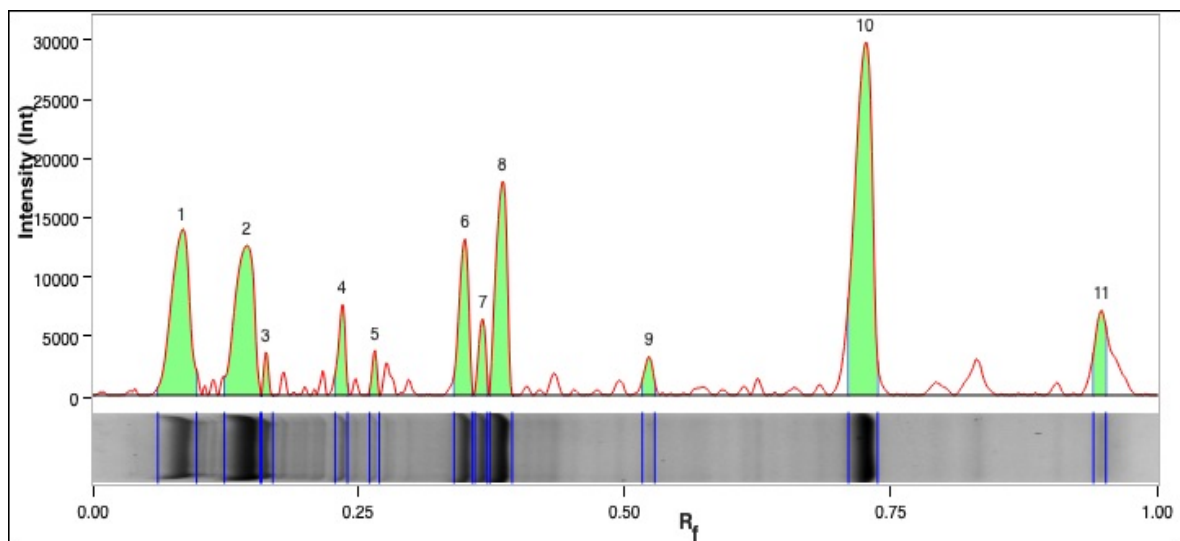
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		75,6	0,371	5.294.976	34.191.072	N/A	N/A	9,5	6,2
2		33,0	0,718	22.795.968	74.914.752	N/A	N/A	40,9	26,6
3		25,3	0,829	12.929.952	59.382.048	N/A	N/A	23,2	15,1
4		18,0	0,903	1.076.160	90.777.792	N/A	N/A	1,9	1,3
5		12,6	0,948	5.516.160	74.750.688	N/A	N/A	9,9	6,4
6		10,0	0,969	8.121.216	48.270.336	N/A	N/A	14,6	9,5

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

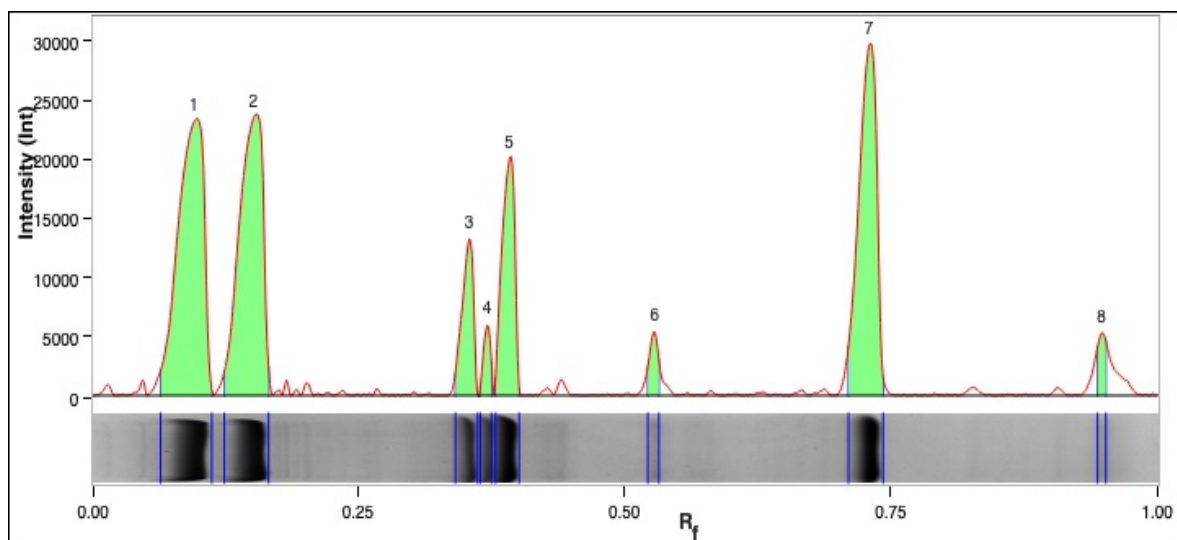
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,084	21.270.144	101.301.216	N/A	N/A	16,4	13,3
2		200,6	0,145	20.003.616	112.374.912	N/A	N/A	15,4	12,5
3		179,7	0,164	1.381.824	36.660.288	N/A	N/A	1,1	0,9
4		124,6	0,235	4.261.344	31.807.200	N/A	N/A	3,3	2,7
5		108,4	0,266	1.534.656	22.732.224	N/A	N/A	1,2	1,0
6		80,8	0,351	10.339.584	52.135.104	N/A	N/A	8,0	6,5
7		76,6	0,368	3.837.504	40.380.864	N/A	N/A	3,0	2,4
8		72,9	0,386	16.822.464	76.290.528	N/A	N/A	13,0	10,6
9		52,1	0,523	2.307.552	26.308.896	N/A	N/A	1,8	1,4
10		32,4	0,726	41.650.752	93.654.624	N/A	N/A	32,2	26,1
11		12,6	0,948	6.066.720	26.448.768	N/A	N/A	4,7	3,8

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

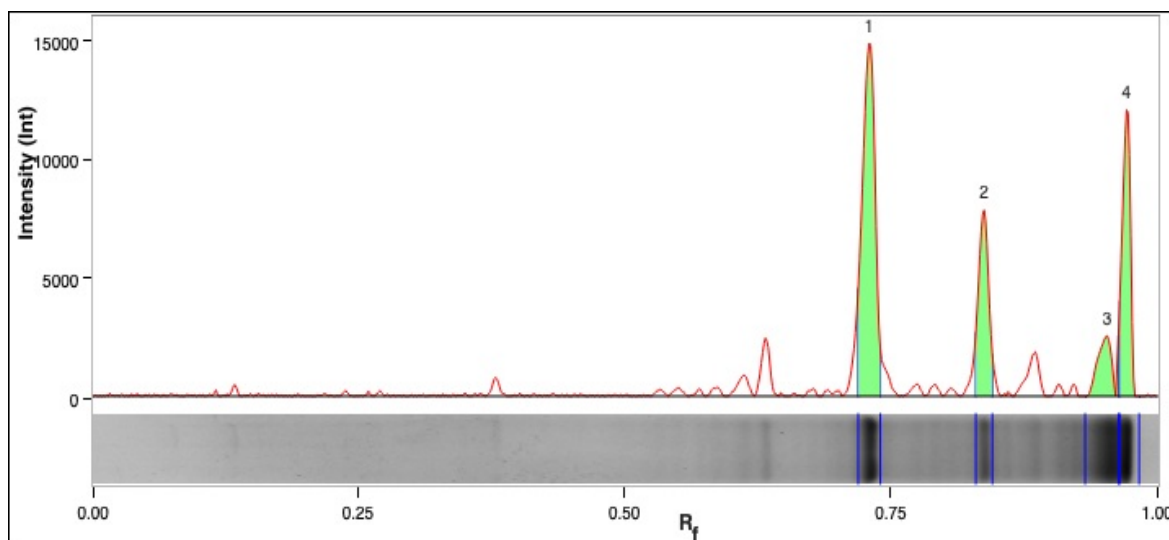
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,096	50.201.088	147.388.032	N/A	N/A	27,2	24,9
2		192,9	0,152	46.695.936	136.287.840	N/A	N/A	25,3	23,2
3		79,8	0,355	12.116.928	62.859.264	N/A	N/A	6,6	6,0
4		75,6	0,371	3.481.632	36.500.544	N/A	N/A	1,9	1,7
5		71,7	0,392	21.365.664	83.222.688	N/A	N/A	11,6	10,6
6		51,4	0,529	3.604.032	24.744.768	N/A	N/A	2,0	1,8
7		32,1	0,730	43.623.360	104.694.528	N/A	N/A	23,7	21,6
8		12,6	0,948	3.313.824	18.105.216	N/A	N/A	1,8	1,6

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

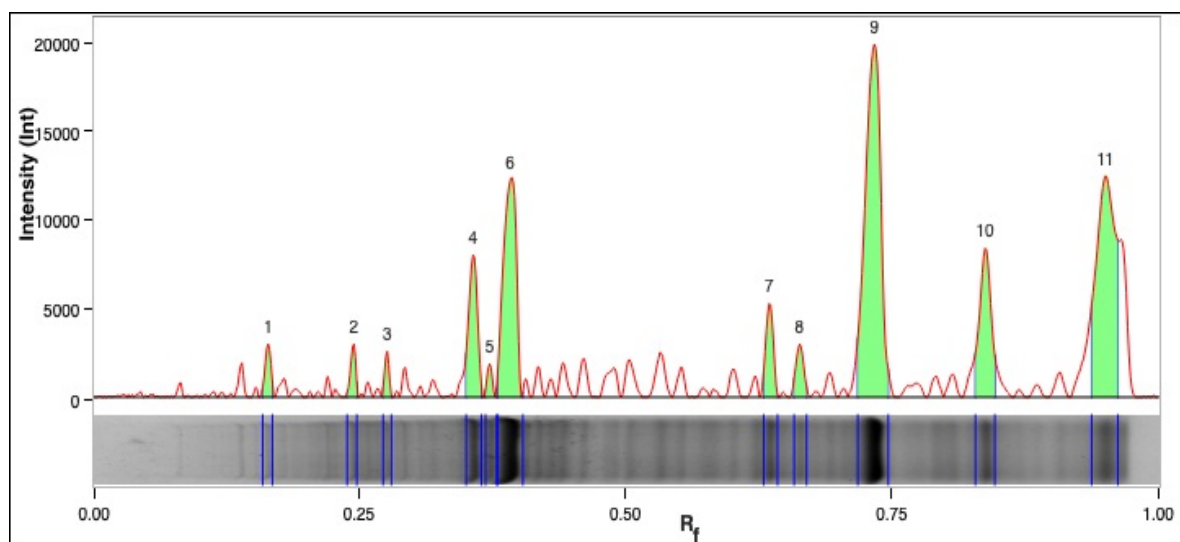
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		32,1	0,730	19.912.512	66.025.536	N/A	N/A	46,4	33,6
2		24,6	0,838	8.303.424	45.637.344	N/A	N/A	19,3	14,0
3		11,7	0,953	4.176.192	104.897.472	N/A	N/A	9,7	7,1
4		10,0	0,971	10.549.248	56.447.808	N/A	N/A	24,6	17,8

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

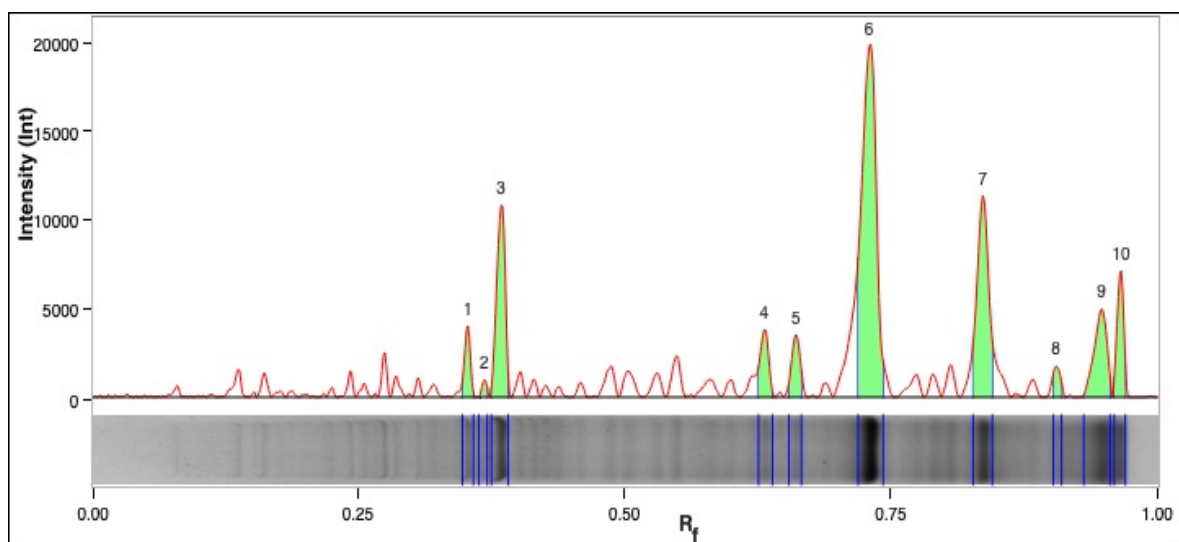
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		178,3	0,165	1.646.016	21.852.096	N/A	N/A	1,8	1,3
2		119,0	0,245	1.448.640	28.434.720	N/A	N/A	1,6	1,1
3		103,5	0,277	996.864	18.913.248	N/A	N/A	1,1	0,8
4		79,2	0,357	6.245.472	43.480.800	N/A	N/A	6,9	4,8
5		75,3	0,373	949.152	33.898.752	N/A	N/A	1,0	0,7
6		71,7	0,392	14.939.040	83.828.640	N/A	N/A	16,4	11,5
7		40,1	0,635	3.528.480	36.462.048	N/A	N/A	3,9	2,7
8		37,6	0,664	2.148.480	33.166.560	N/A	N/A	2,4	1,7
9		31,8	0,734	28.384.224	97.369.536	N/A	N/A	31,2	21,8
10		24,6	0,838	8.853.120	52.928.256	N/A	N/A	9,7	6,8
11		12,1	0,951	21.954.432	70.832.160	N/A	N/A	24,1	16,9

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

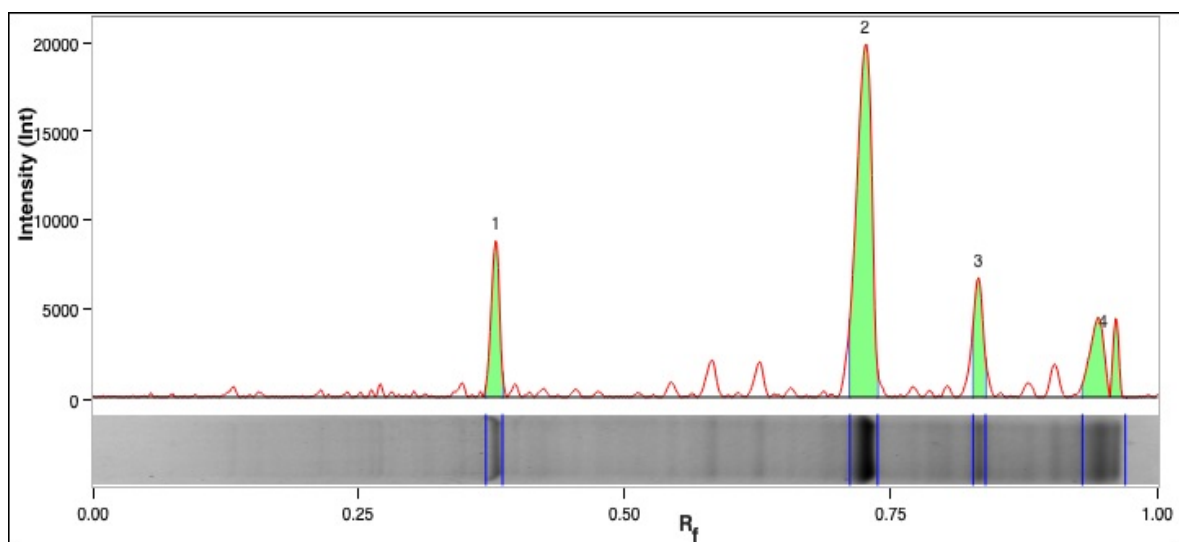
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		80,2	0,353	2.075.520	25.107.264	N/A	N/A	3,2	2,1
2		76,3	0,369	436.416	21.216.672	N/A	N/A	0,7	0,4
3		73,1	0,384	8.651.520	49.049.472	N/A	N/A	13,3	8,8
4		40,5	0,631	2.937.504	33.772.128	N/A	N/A	4,5	3,0
5		37,8	0,661	2.751.936	33.669.024	N/A	N/A	4,2	2,8
6		32,1	0,730	25.295.808	78.891.360	N/A	N/A	38,7	25,7
7		24,7	0,836	11.880.000	56.549.376	N/A	N/A	18,2	12,1
8		17,8	0,905	993.120	22.301.472	N/A	N/A	1,5	1,0
9		12,6	0,948	5.833.152	74.894.400	N/A	N/A	8,9	5,9
10		10,0	0,966	4.427.232	34.591.392	N/A	N/A	6,8	4,5

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

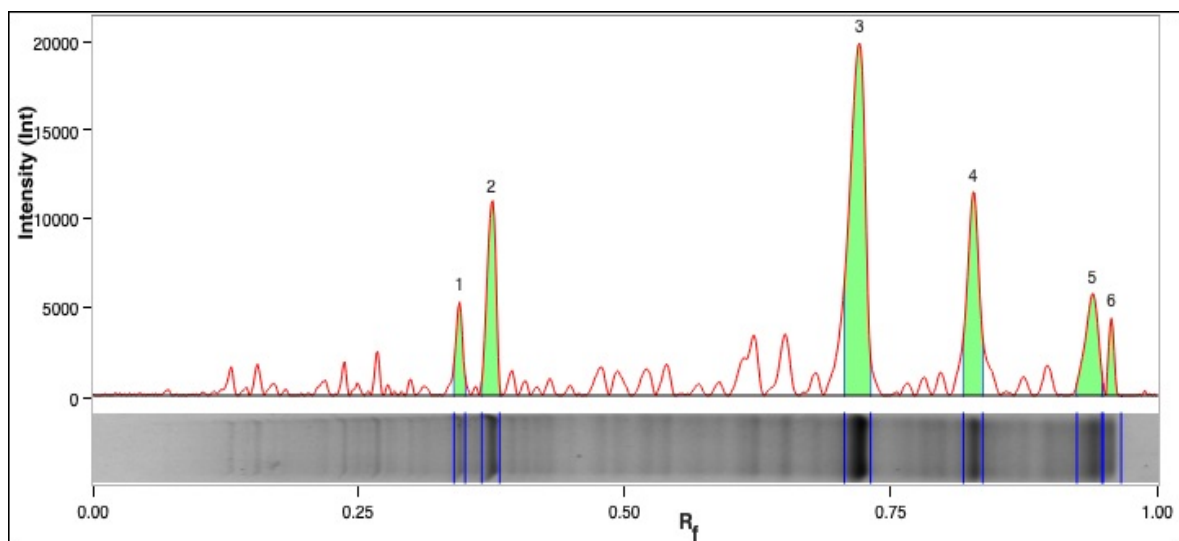
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		74,1	0,379	7.058.208	43.671.456	N/A	N/A	14,4	10,6
2		32,4	0,726	28.166.976	86.943.936	N/A	N/A	57,6	42,2
3		25,1	0,832	5.343.840	34.316.640	N/A	N/A	10,9	8,0
4		12,4	0,949	8.365.536	109.595.040	N/A	N/A	17,1	12,5

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 9

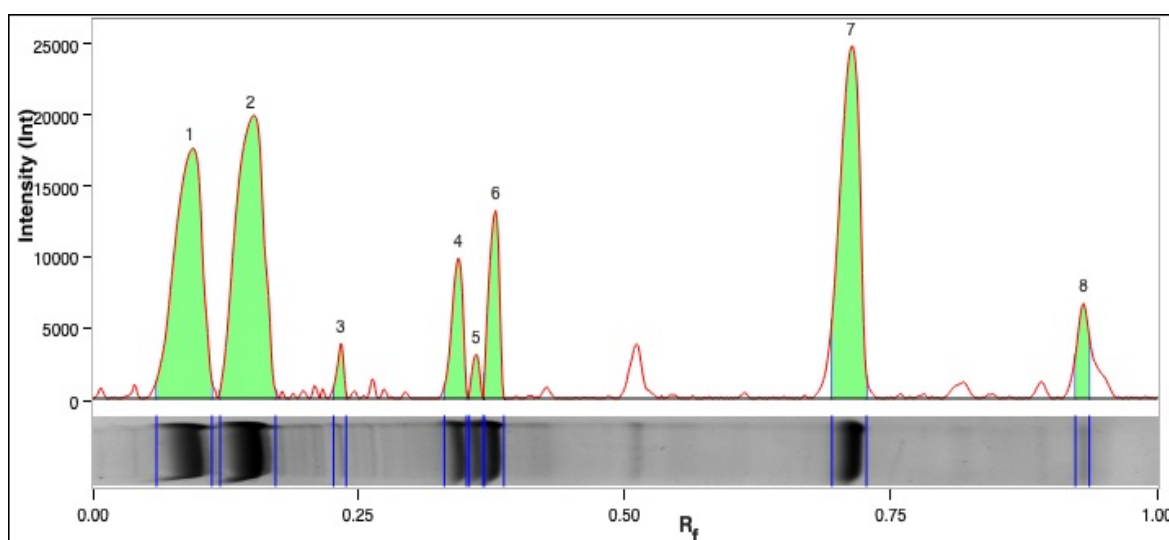


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %

1		82,2	0,345	2.823.840	25.900.320	N/A	N/A	5,0	3,1
2		74,8	0,375	8.443.776	52.181.952	N/A	N/A	15,1	9,3
3		32,8	0,721	25.120.512	83.244.096	N/A	N/A	44,8	27,5
4		25,4	0,827	11.165.856	56.803.872	N/A	N/A	19,9	12,2
5		14,2	0,939	6.402.144	70.288.416	N/A	N/A	11,4	7,0
6		11,1	0,957	2.093.376	43.847.904	N/A	N/A	3,7	2,3

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

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	0,092	41.831.712	149.398.944	N/A	N/A	25,8	23,0
2		195,9	0,149	48.041.760	165.872.448	N/A	N/A	29,7	26,4
3		125,3	0,234	2.203.104	27.188.064	N/A	N/A	1,4	1,2
4		82,5	0,344	9.307.296	62.857.536	N/A	N/A	5,7	5,1
5		78,2	0,361	1.960.416	44.996.448	N/A	N/A	1,2	1,1
6		74,1	0,379	11.747.136	65.066.400	N/A	N/A	7,3	6,5
7		33,4	0,713	40.930.272	103.153.536	N/A	N/A	25,3	22,5
8		15,3	0,931	5.992.032	30.483.648	N/A	N/A	3,7	3,3

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