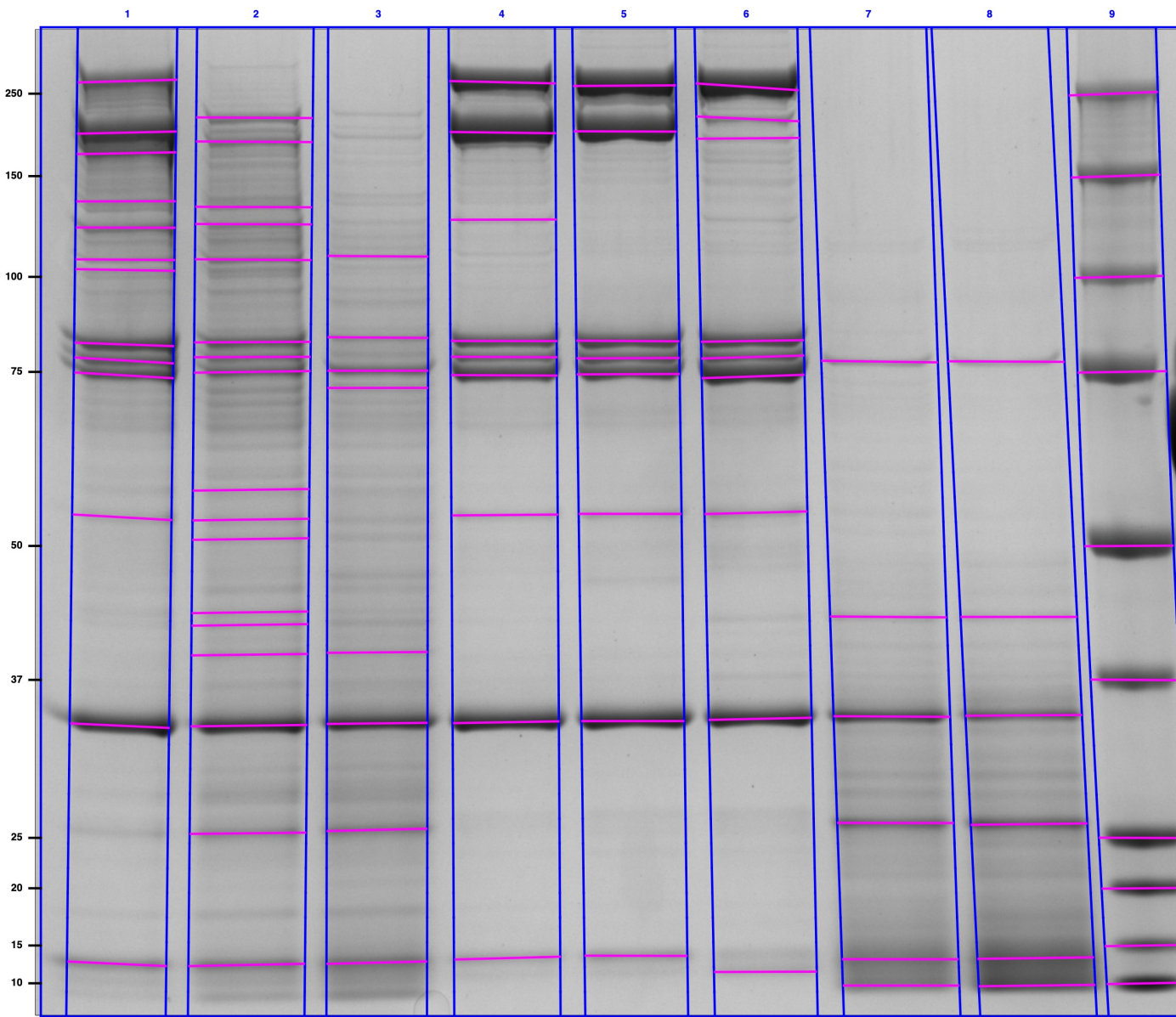


Image Report: serpieri e controlli



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 2 7-07/serpieri e
controlli.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.077 (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	20/7/2023 12:43:25 PM
User Name	FisioLab
Image Area (mm)	X: 69.3 Y: 58.8
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	11847 - 63479

Analysis Settings

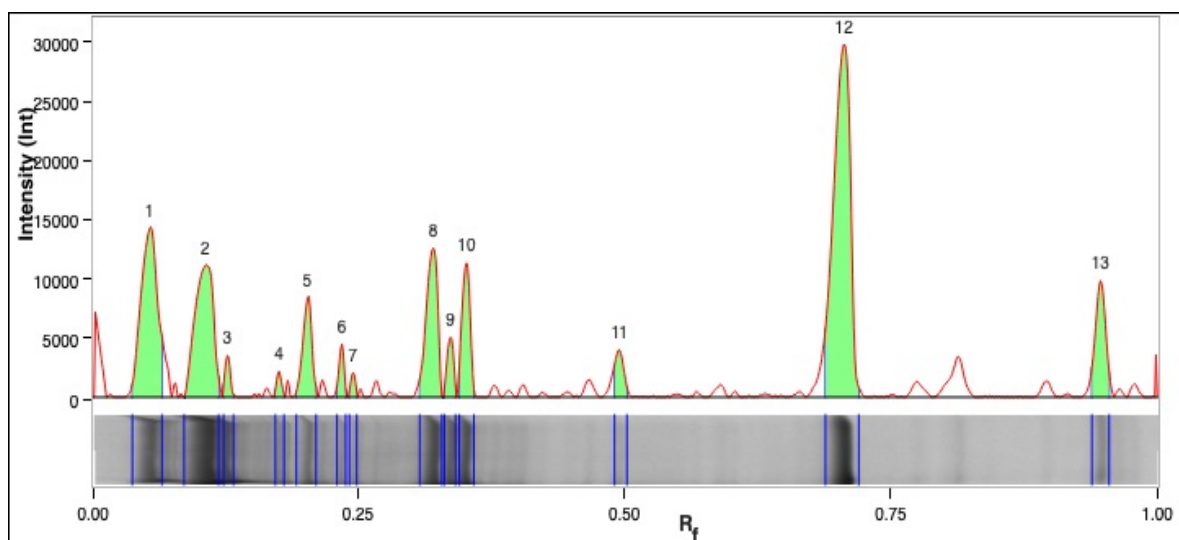
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: last</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	127.273.257	590.154.669	154.413.864	1.749.054.264	1.594.640.400	N/A
2	107.338.476	589.431.888	154.765.416	2.051.246.316	1.896.480.900	N/A
3	65.168.664	286.626.032	112.392.984	1.695.124.024	1.582.731.040	N/A
4	209.808.000	577.603.005	225.931.503	1.653.409.800	1.427.478.297	N/A
5	198.834.120	557.424.990	213.061.860	1.624.617.630	1.411.555.770	N/A
6	165.218.220	496.294.830	187.203.240	1.607.635.530	1.420.432.290	N/A
7	58.714.158	278.718.876	82.584.198	1.695.357.606	1.612.773.408	N/A
8	58.871.850	284.341.422	84.620.424	1.719.842.298	1.635.221.874	N/A
9	253.985.082	722.981.844	262.216.578	1.559.421.708	1.297.205.130	N/A

Lane And Band Analysis

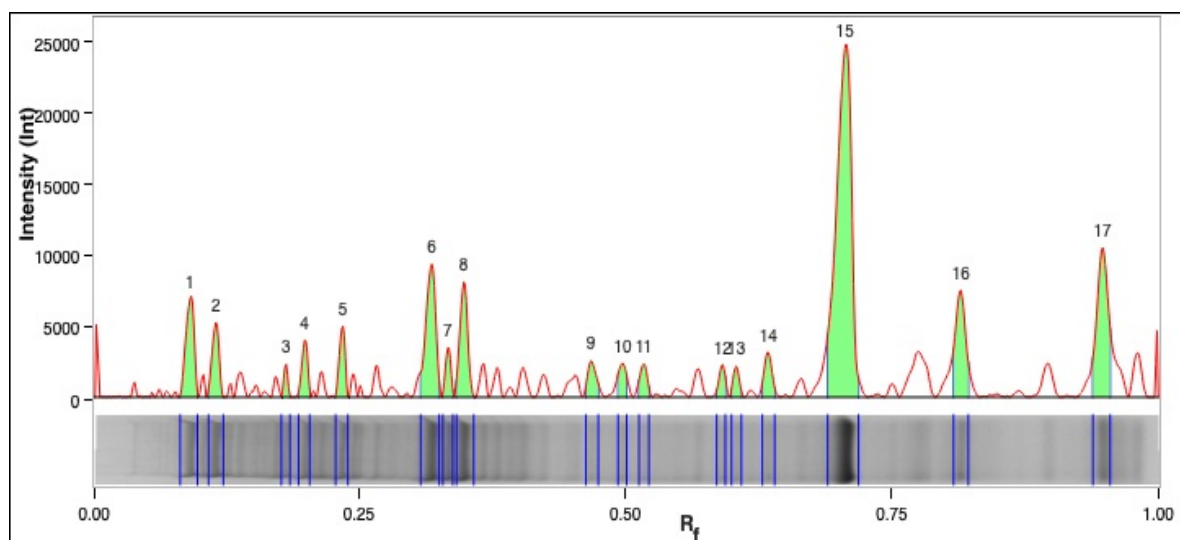
Lane 1



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	20.148.939	72.271.248	N/A	N/A	15,8	13,0
2		196,4	0,106	18.006.825	107.078.208	N/A	N/A	14,1	11,7
3		172,9	0,127	1.651.347	33.984.027	N/A	N/A	1,3	1,1
4		135,5	0,176	942.297	22.957.299	N/A	N/A	0,7	0,6
5		121,9	0,203	6.624.963	44.613.948	N/A	N/A	5,2	4,3
6		107,2	0,235	1.951.497	18.852.291	N/A	N/A	1,5	1,3
7		102,8	0,245	840.855	18.195.615	N/A	N/A	0,7	0,5
8		81,5	0,321	12.318.069	59.427.351	N/A	N/A	9,7	8,0
9		77,6	0,337	2.944.254	32.727.834	N/A	N/A	2,3	1,9
10		74,4	0,352	8.118.231	44.016.954	N/A	N/A	6,4	5,3
11		53,4	0,495	2.658.807	18.741.366	N/A	N/A	2,1	1,7
12		33,0	0,706	42.564.228	84.602.715	N/A	N/A	33,4	27,6
13		12,3	0,947	8.502.945	32.685.813	N/A	N/A	6,7	5,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.94 mm
Regression Equation	A single equation is not available for this method

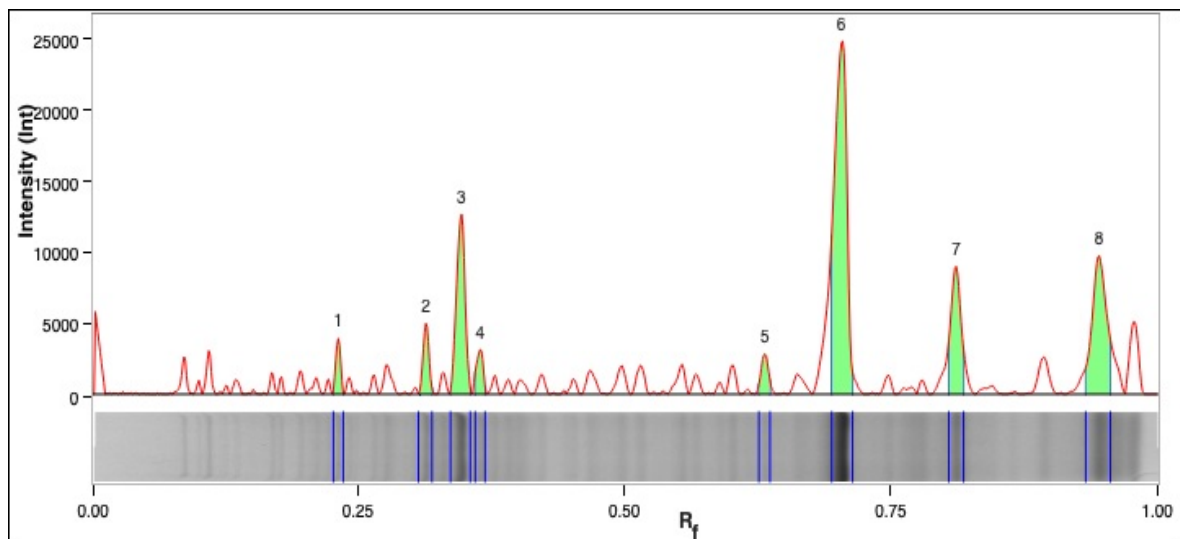
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		215,4	0,091	6.445.584	40.555.608	N/A	N/A	6,0	4,2
2		185,6	0,116	3.991.872	38.418.198	N/A	N/A	3,7	2,6
3		132,5	0,182	986.850	19.444.668	N/A	N/A	0,9	0,6
4		123,6	0,199	2.539.086	26.447.784	N/A	N/A	2,4	1,6
5		107,2	0,235	3.165.468	32.405.604	N/A	N/A	2,9	2,0
6		82,1	0,318	9.775.884	51.782.646	N/A	N/A	9,1	6,3
7		78,5	0,333	2.078.046	29.711.682	N/A	N/A	1,9	1,3
8		75,0	0,348	6.863.478	49.503.354	N/A	N/A	6,4	4,4
9		57,0	0,468	2.328.762	26.863.434	N/A	N/A	2,2	1,5
10		53,2	0,498	1.679.430	16.227.792	N/A	N/A	1,6	1,1
11		50,8	0,517	1.639.242	18.343.374	N/A	N/A	1,5	1,1
12		43,1	0,591	1.534.998	20.738.946	N/A	N/A	1,4	1,0
13		41,9	0,604	1.415.148	20.807.082	N/A	N/A	1,3	0,9
14		39,2	0,634	2.611.608	25.769.790	N/A	N/A	2,4	1,7
15		33,0	0,706	39.901.278	94.642.944	N/A	N/A	37,2	25,8
16		25,3	0,815	7.786.884	34.548.624	N/A	N/A	7,3	5,0
17		12,2	0,948	12.594.858	43.220.358	N/A	N/A	11,7	8,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

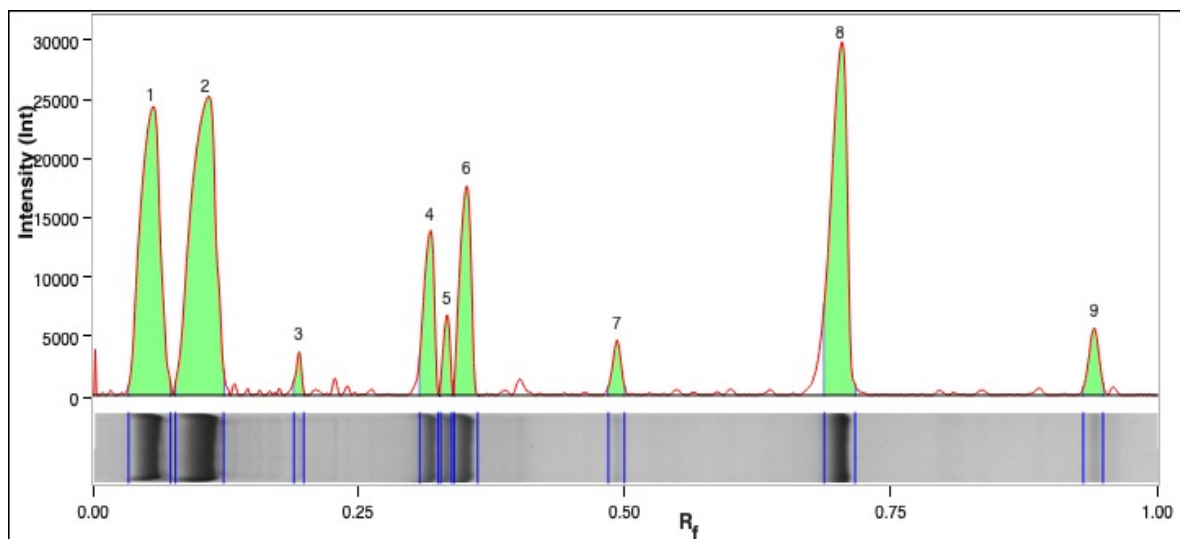
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		108,6	0,231	1.761.320	18.268.976	N/A	N/A	2,7	1,6
2		83,2	0,314	2.681.184	27.804.744	N/A	N/A	4,1	2,4
3		75,3	0,347	9.966.088	45.895.520	N/A	N/A	15,3	8,9
4		72,3	0,365	1.918.224	19.972.392	N/A	N/A	2,9	1,7
5		39,4	0,632	1.856.272	21.199.200	N/A	N/A	2,8	1,7
6		33,2	0,704	26.640.064	62.690.760	N/A	N/A	40,9	23,7
7		25,5	0,811	7.854.968	33.996.952	N/A	N/A	12,1	7,0
8		12,5	0,946	12.490.544	56.797.488	N/A	N/A	19,2	11,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.01 mm
Regression Equation	A single equation is not available for this method

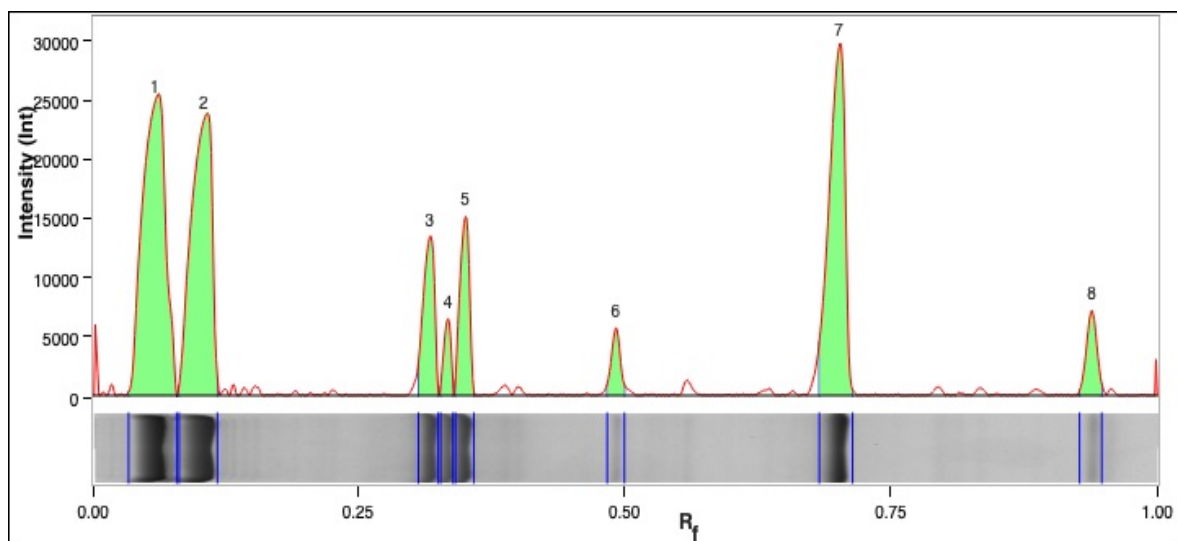
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,056	49.147.152	118.998.987	N/A	N/A	23,4	21,8
2		196,4	0,106	63.590.238	150.819.774	N/A	N/A	30,3	28,1
3		125,9	0,194	2.035.491	16.921.257	N/A	N/A	1,0	0,9
4		82,4	0,317	14.166.690	49.637.262	N/A	N/A	6,8	6,3
5		78,5	0,333	4.625.913	31.749.177	N/A	N/A	2,2	2,0
6		74,4	0,352	20.063.076	66.552.474	N/A	N/A	9,6	8,9
7		53,7	0,493	3.989.700	24.974.964	N/A	N/A	1,9	1,8
8		33,3	0,703	46.286.100	86.083.032	N/A	N/A	22,1	20,5
9		13,1	0,941	5.903.640	31.866.078	N/A	N/A	2,8	2,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.35 mm
Regression Equation	A single equation is not available for this method

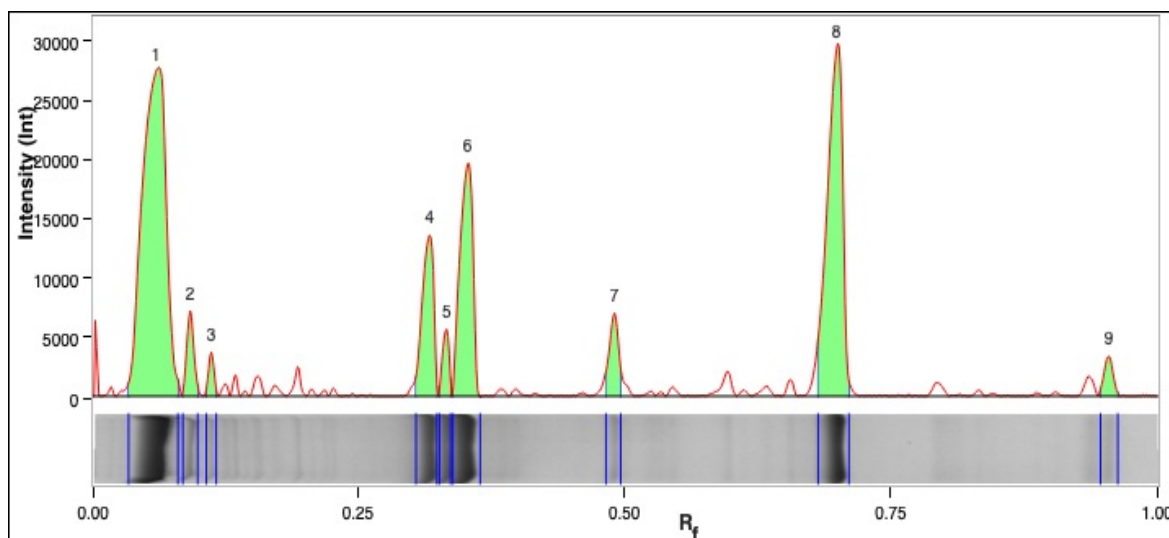
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	58.009.950	139.922.010	N/A	N/A	29,2	27,2
2		197,8	0,105	48.756.060	118.520.640	N/A	N/A	24,5	22,9
3		82,4	0,317	14.650.380	54.575.460	N/A	N/A	7,4	6,9
4		78,2	0,334	4.620.150	36.618.030	N/A	N/A	2,3	2,2
5		74,6	0,351	14.279.940	55.878.750	N/A	N/A	7,2	6,7
6		53,9	0,492	5.001.120	27.791.010	N/A	N/A	2,5	2,3
7		33,4	0,701	46.030.230	88.283.160	N/A	N/A	23,2	21,6
8		13,4	0,939	7.486.290	35.835.930	N/A	N/A	3,8	3,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

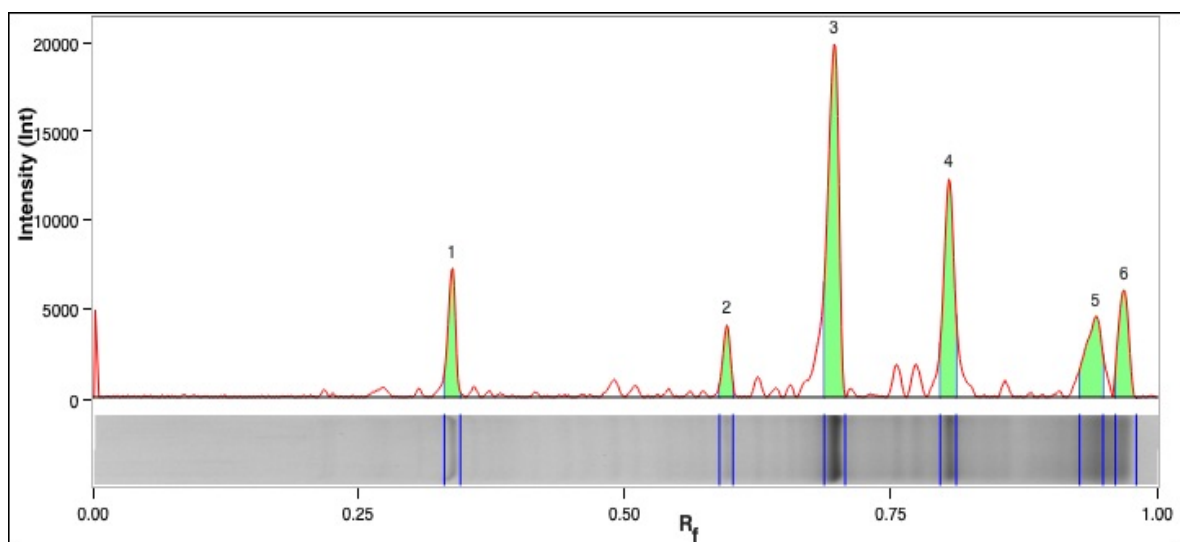
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,060	63.289.170	138.140.820	N/A	N/A	38,3	33,8
2		213,9	0,093	4.935.690	31.701.420	N/A	N/A	3,0	2,6
3		189,6	0,112	1.955.160	18.002.160	N/A	N/A	1,2	1,0
4		82,4	0,317	14.747.940	57.945.600	N/A	N/A	8,9	7,9
5		78,5	0,333	3.599.010	33.403.860	N/A	N/A	2,2	1,9
6		74,2	0,353	24.416.550	82.152.360	N/A	N/A	14,8	13,0
7		54,0	0,491	6.048.720	26.303.400	N/A	N/A	3,7	3,2
8		33,6	0,699	43.396.560	84.198.960	N/A	N/A	26,3	23,2
9		11,3	0,955	2.829.420	24.446.250	N/A	N/A	1,7	1,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

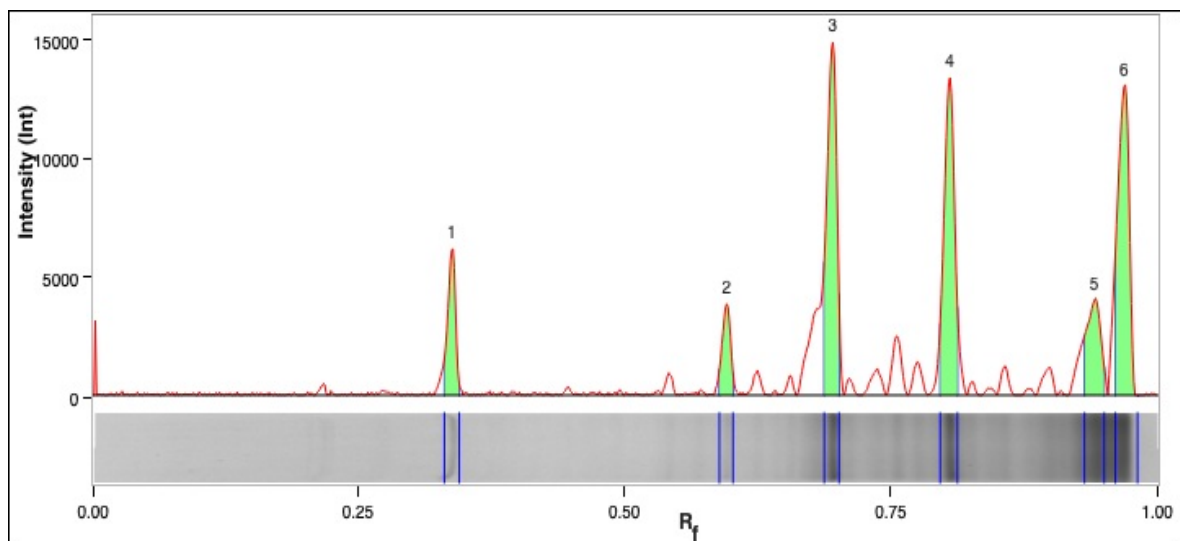
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		77,4	0,338	5.877.954	29.637.324	N/A	N/A	10,0	7,1
2		42,6	0,596	3.289.908	24.950.526	N/A	N/A	5,6	4,0
3		33,8	0,697	22.269.456	60.846.366	N/A	N/A	37,9	27,0
4		25,9	0,804	13.012.752	45.109.194	N/A	N/A	22,2	15,8
5		12,9	0,942	7.640.718	68.473.008	N/A	N/A	13,0	9,3
6		10,0	0,969	6.623.370	49.702.458	N/A	N/A	11,3	8,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

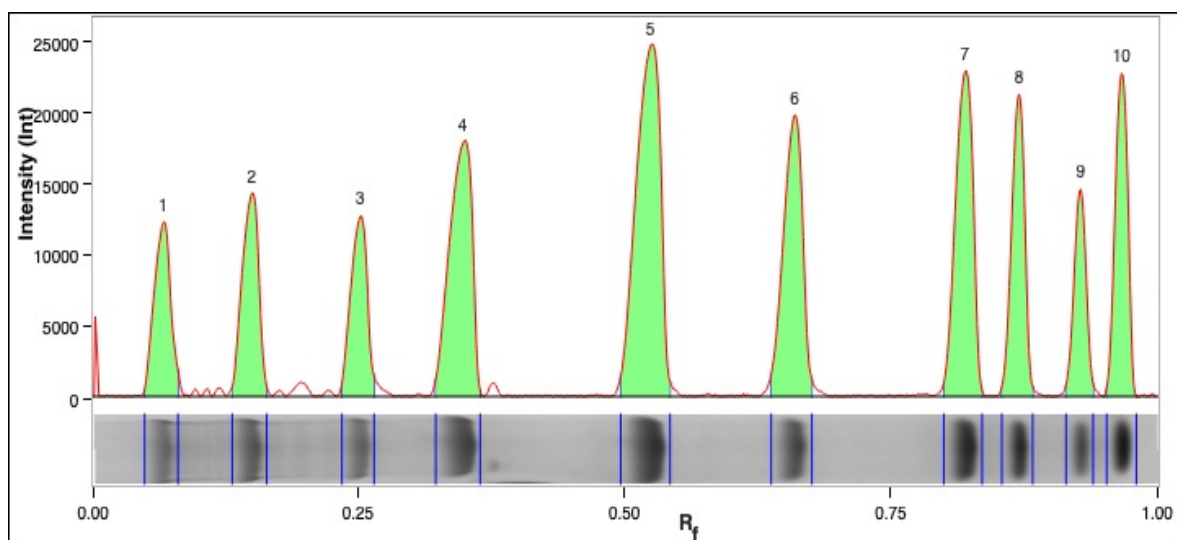
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		77,4	0,338	5.087.964	25.601.490	N/A	N/A	8,6	6,0
2		42,6	0,596	3.379.770	23.856.678	N/A	N/A	5,7	4,0
3		33,9	0,696	14.696.976	43.970.364	N/A	N/A	25,0	17,4
4		25,9	0,806	14.408.520	51.980.118	N/A	N/A	24,5	17,0
5		13,1	0,941	5.879.076	72.966.108	N/A	N/A	10,0	6,9
6		10,0	0,969	15.419.544	65.966.664	N/A	N/A	26,2	18,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

Lane 9 - 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	0,067	16.082.274	61.385.298	N/A	N/A	6,3	6,1
2		150,0	0,150	18.957.978	68.512.782	N/A	N/A	7,5	7,2
3		100,0	0,252	16.567.044	58.982.508	N/A	N/A	6,5	6,3
4		75,0	0,348	32.451.666	90.170.964	N/A	N/A	12,8	12,4
5		50,0	0,524	48.294.948	107.972.514	N/A	N/A	19,0	18,4
6		37,0	0,660	30.163.614	77.501.346	N/A	N/A	11,9	11,5
7		25,0	0,819	32.189.664	83.523.960	N/A	N/A	12,7	12,3
8		20,0	0,870	22.179.534	63.534.276	N/A	N/A	8,7	8,5
9		15,0	0,928	14.077.674	51.024.402	N/A	N/A	5,5	5,4
10		10,0	0,966	23.020.686	60.373.794	N/A	N/A	9,1	8,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1

Lane Width	5.32 mm
Regression Equation	A single equation is not available for this method