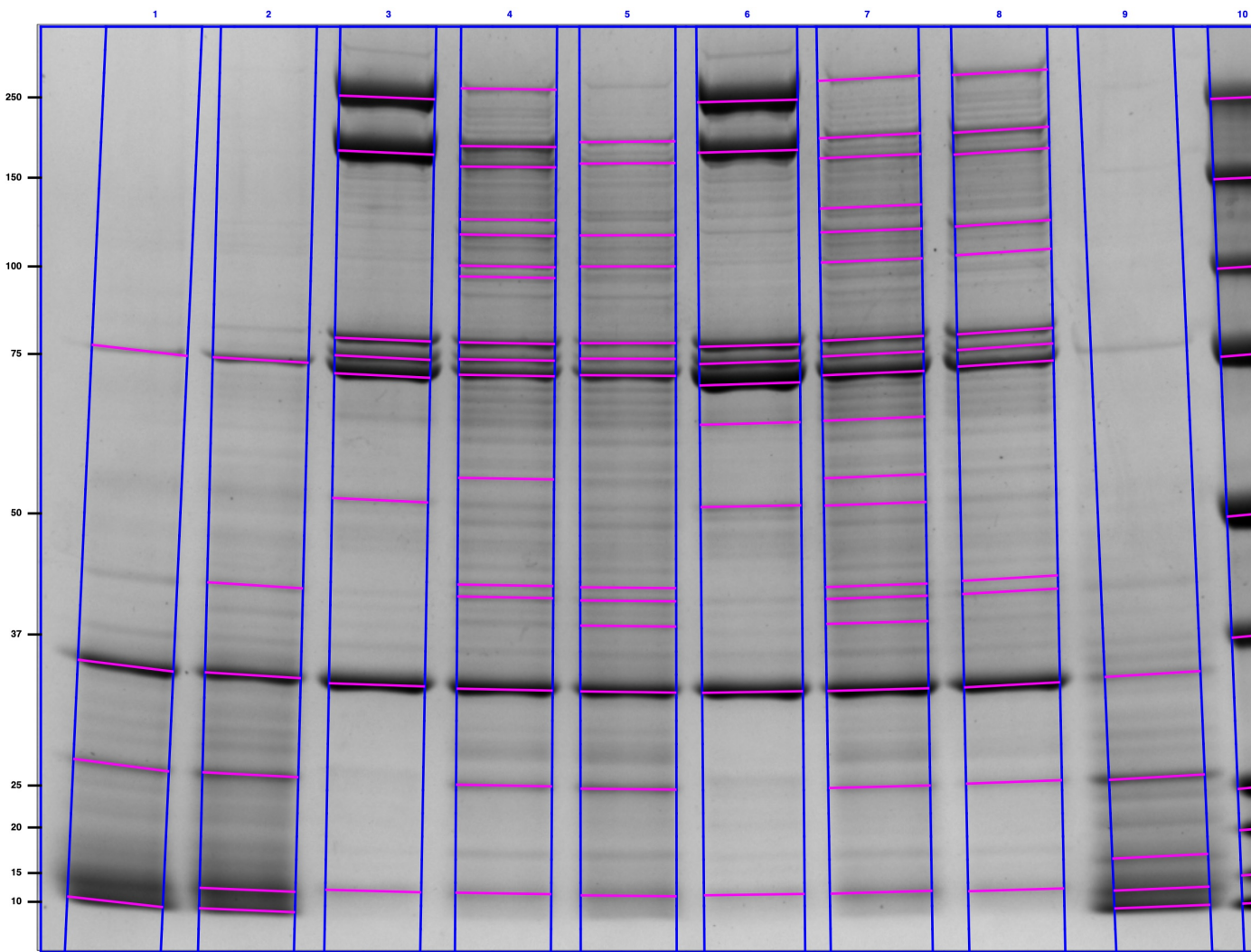


Image Report: 30.06.23 i1 i1 I1 I1 a2 a2 b2 b2 c2



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana1.30-06/gel/30.06.23 i1 i1 I1 I1 a2 a2 b2 b2 c2 .scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	7.394 (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 9:48:57 AM
User Name	FisioLab
Image Area (mm)	X: 74.2 Y: 52.7
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	11018 - 62030

## Analysis Settings

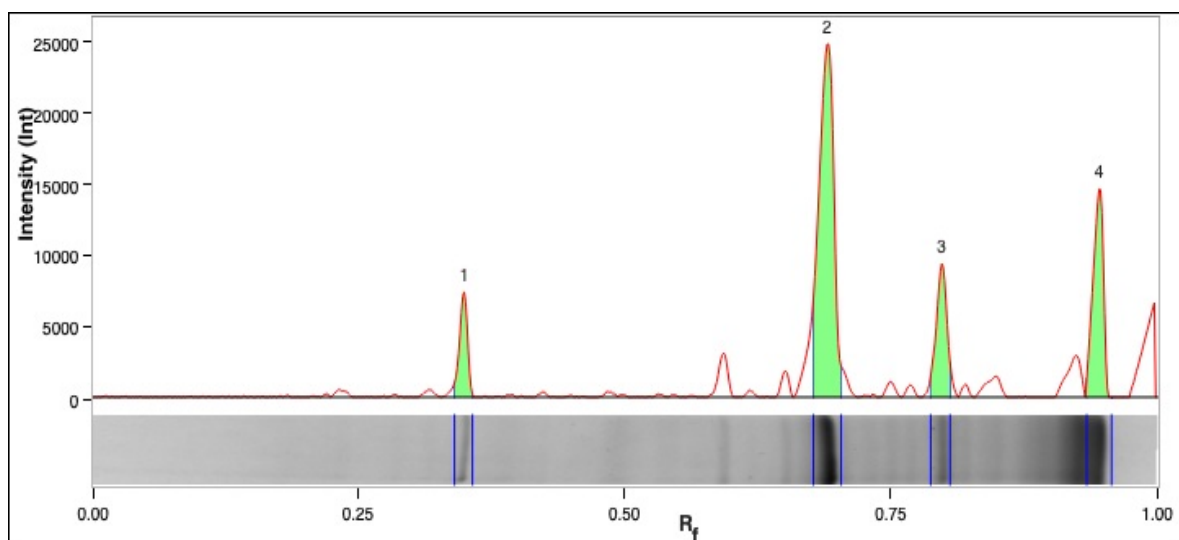
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight 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	50.075.280	181.339.520	72.994.240	1.344.123.680	1.271.129.440	N/A
2	61.217.680	282.120.320	88.103.760	1.468.727.280	1.380.623.520	N/A
3	181.185.600	508.191.920	204.745.840	1.574.385.200	1.369.639.360	N/A
4	104.340.480	546.895.040	145.387.600	1.681.202.960	1.535.815.360	N/A
5	83.132.960	426.717.520	124.416.400	1.654.539.440	1.530.123.040	N/A
6	188.900.628	592.523.904	215.613.048	1.694.000.532	1.478.387.484	N/A
7	112.937.885	613.059.525	153.053.635	1.791.940.165	1.638.886.530	N/A
8	98.855.600	465.469.200	127.190.320	1.493.626.880	1.366.436.560	N/A
9	32.301.680	223.030.720	53.260.320	1.357.877.120	1.304.616.800	N/A
10	301.287.496	808.844.742	309.438.410	1.410.353.810	1.100.915.400	N/A

## Lane And Band Analysis

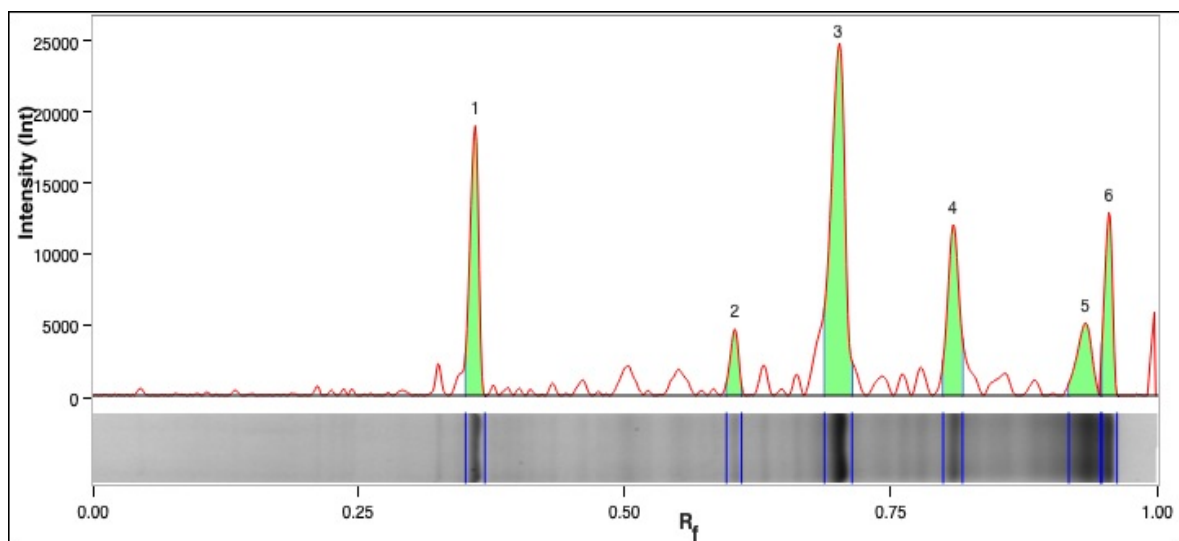
### Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		75,9	0,350	4.461.200	25.546.800	N/A	N/A	8,9	6,1
2		34,1	0,690	27.016.320	65.346.160	N/A	N/A	54,0	37,0
3		26,4	0,798	7.373.360	36.692.160	N/A	N/A	14,7	10,1
4		10,0	0,946	11.224.400	53.754.400	N/A	N/A	22,4	15,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

## Lane 2

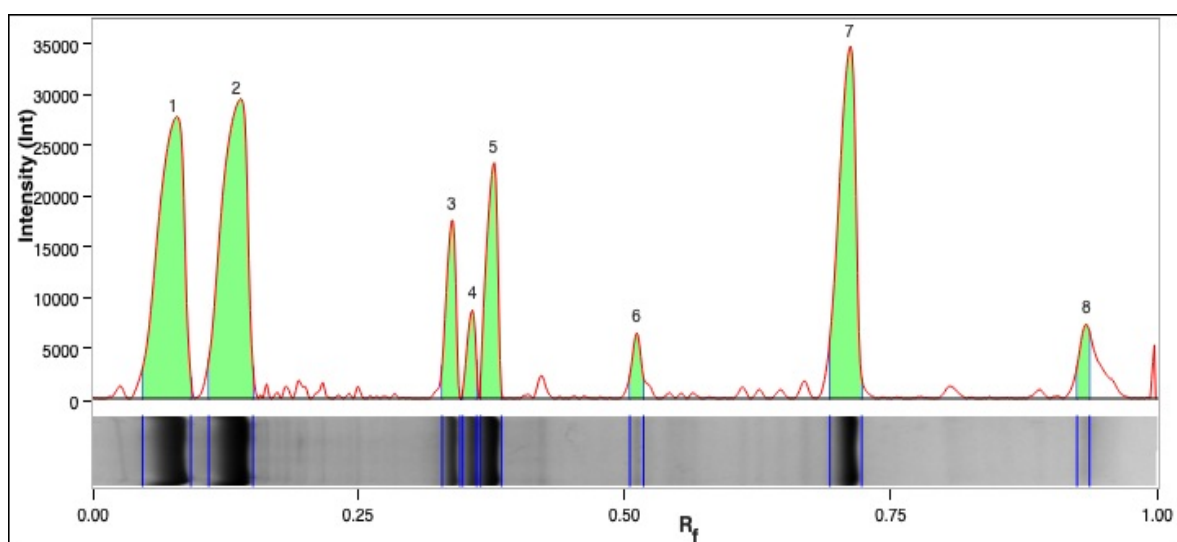


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
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1		73,9	0,360	11.496.080	35.500.880	N/A	N/A	18,8	13,0
2		41,8	0,604	2.816.720	24.522.960	N/A	N/A	4,6	3,2
3		33,3	0,701	24.301.440	64.163.360	N/A	N/A	39,7	27,6
4		25,7	0,808	9.810.480	41.453.120	N/A	N/A	16,0	11,1
5		11,8	0,933	5.523.760	79.148.960	N/A	N/A	9,0	6,3
6		10,0	0,955	7.269.200	37.331.040	N/A	N/A	11,9	8,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

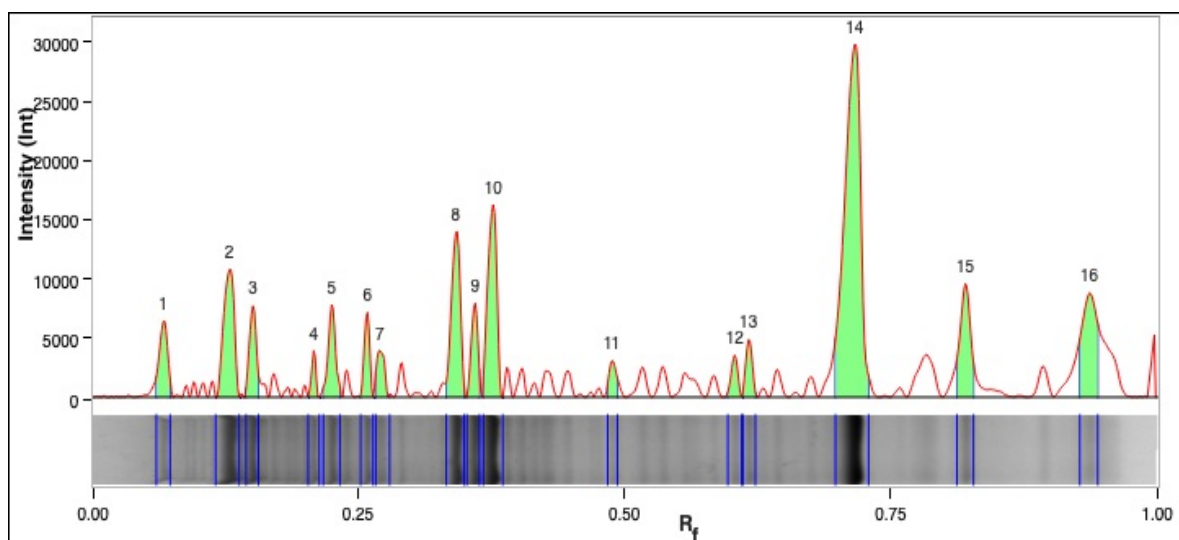
### Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,076	48.720.400	122.612.400	N/A	N/A	26,9	23,8
2		176,0	0,136	51.007.040	123.023.440	N/A	N/A	28,2	24,9
3		78,6	0,338	11.046.320	43.436.400	N/A	N/A	6,1	5,4
4		74,3	0,358	4.918.480	37.967.760	N/A	N/A	2,7	2,4
5		71,0	0,377	17.807.440	63.045.920	N/A	N/A	9,8	8,7
6		51,7	0,512	3.691.760	21.007.680	N/A	N/A	2,0	1,8
7		32,5	0,711	38.959.840	78.924.000	N/A	N/A	21,5	19,0
8		11,6	0,934	5.034.320	18.174.320	N/A	N/A	2,8	2,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

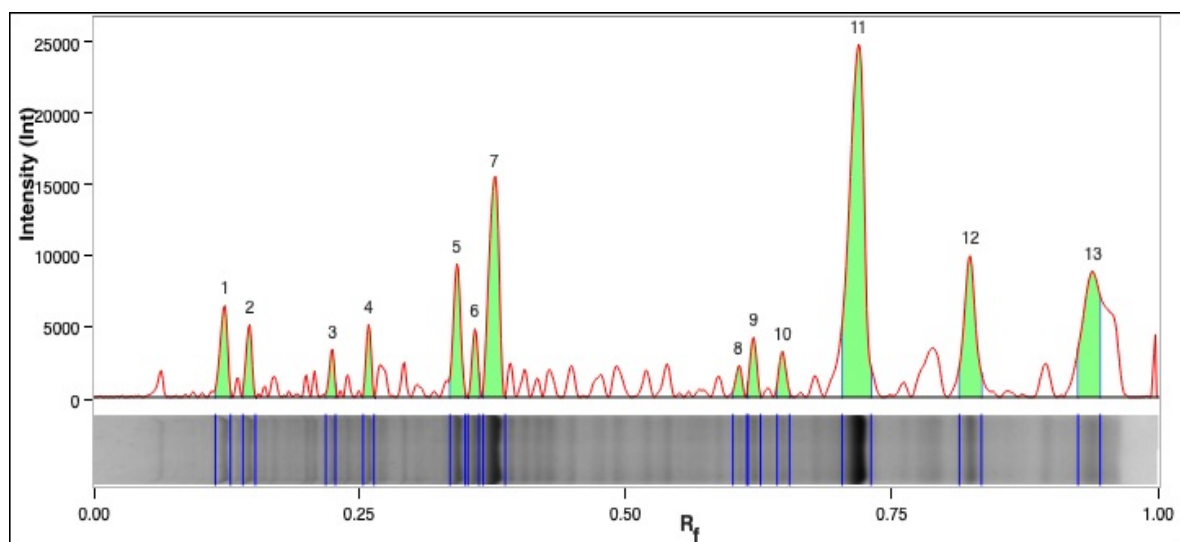
### Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,067	3.746.720	25.330.560	N/A	N/A	3,6	2,6
2		182,9	0,130	8.227.280	54.191.440	N/A	N/A	7,9	5,7
3		160,7	0,152	3.982.720	33.381.520	N/A	N/A	3,8	2,7
4		123,8	0,209	1.167.920	20.730.160	N/A	N/A	1,1	0,8
5		115,3	0,225	4.085.120	35.185.760	N/A	N/A	3,9	2,8
6		100,0	0,259	2.807.760	25.867.040	N/A	N/A	2,7	1,9
7		96,5	0,271	2.250.960	26.790.080	N/A	N/A	2,2	1,5
8		77,7	0,342	8.899.280	41.481.200	N/A	N/A	8,5	6,1
9		73,9	0,360	3.707.840	31.677.280	N/A	N/A	3,6	2,6
10		71,0	0,377	10.559.120	50.323.680	N/A	N/A	10,1	7,3
11		54,6	0,488	1.561.520	17.240.880	N/A	N/A	1,5	1,1
12		41,8	0,604	1.662.400	24.180.960	N/A	N/A	1,6	1,1
13		40,6	0,617	2.304.560	23.170.160	N/A	N/A	2,2	1,6
14		32,1	0,716	33.714.160	81.036.880	N/A	N/A	32,3	23,2
15		25,0	0,820	6.896.720	28.537.360	N/A	N/A	6,6	4,7
16		11,3	0,937	8.766.400	27.770.080	N/A	N/A	8,4	6,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

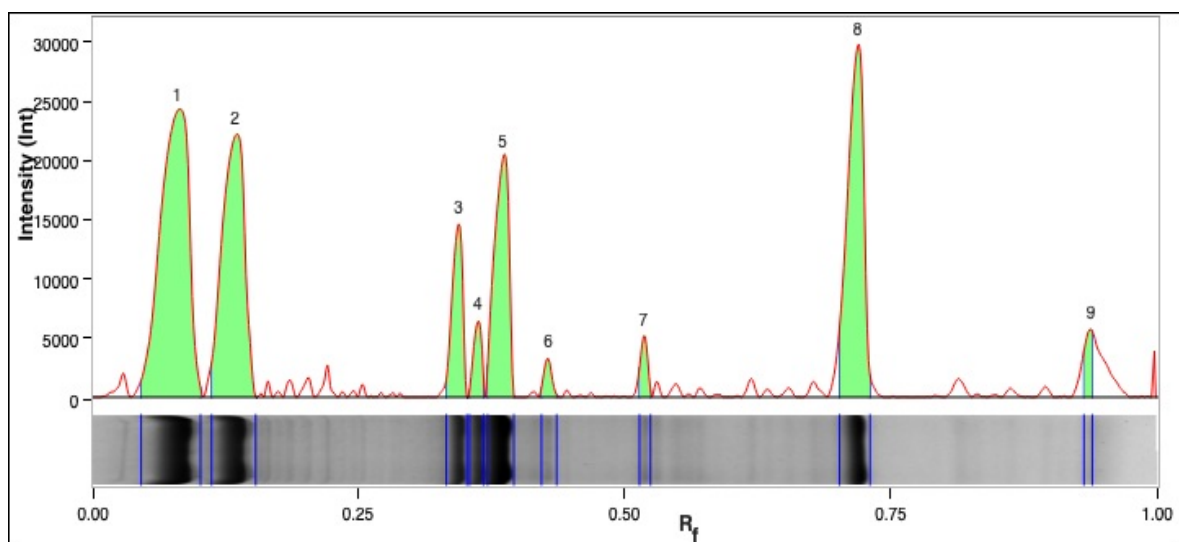
## Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		188,5	0,124	3.773.120	27.293.600	N/A	N/A	4,5	3,0
2		164,4	0,148	2.359.840	23.780.560	N/A	N/A	2,8	1,9
3		115,3	0,225	1.352.400	19.187.120	N/A	N/A	1,6	1,1
4		100,0	0,259	2.061.600	22.323.520	N/A	N/A	2,5	1,7
5		77,7	0,342	5.282.320	31.459.760	N/A	N/A	6,4	4,2
6		74,1	0,359	2.140.960	25.065.360	N/A	N/A	2,6	1,7
7		71,0	0,377	12.250.560	54.717.040	N/A	N/A	14,7	9,8
8		41,6	0,606	1.123.760	24.554.880	N/A	N/A	1,4	0,9
9		40,2	0,620	2.184.720	23.905.280	N/A	N/A	2,6	1,8
10		37,8	0,648	1.795.600	23.122.800	N/A	N/A	2,2	1,4
11		31,9	0,719	28.434.640	72.796.880	N/A	N/A	34,2	22,9
12		24,5	0,824	8.690.480	38.483.840	N/A	N/A	10,5	7,0
13		10,9	0,939	11.682.960	40.026.880	N/A	N/A	14,1	9,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

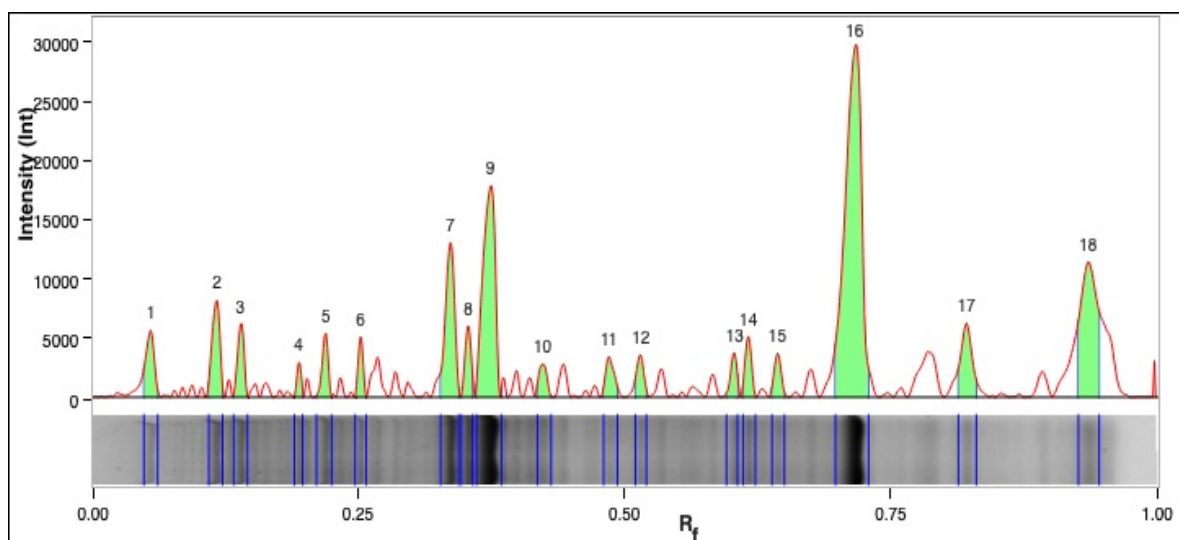
## Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		244,3	0,080	58.253.580	154.206.528	N/A	N/A	30,8	27,0
2		177,4	0,135	41.144.208	115.657.164	N/A	N/A	21,8	19,1
3		77,1	0,345	12.570.768	54.293.316	N/A	N/A	6,7	5,8
4		73,4	0,363	4.441.080	42.194.376	N/A	N/A	2,4	2,1
5		69,5	0,386	24.649.884	86.542.428	N/A	N/A	13,0	11,4
6		62,8	0,429	2.078.748	25.552.548	N/A	N/A	1,1	1,0
7		50,9	0,518	2.775.612	21.738.948	N/A	N/A	1,5	1,3
8		31,9	0,719	39.321.996	79.335.816	N/A	N/A	20,8	18,2
9		11,1	0,938	3.664.752	13.002.780	N/A	N/A	1,9	1,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

## Lane 7

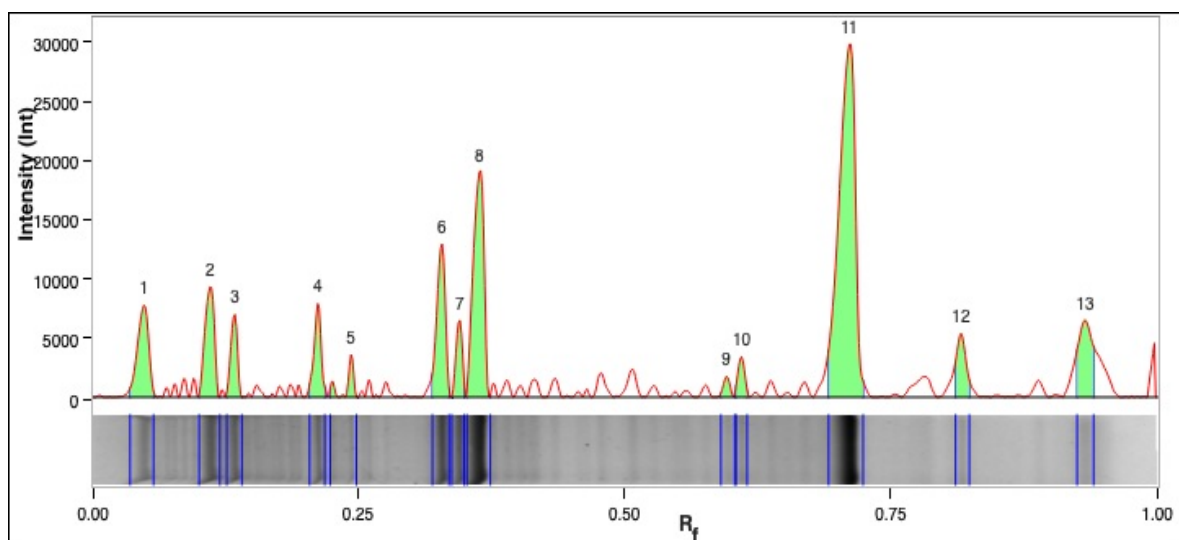


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,056	3.333.700	22.691.175	N/A	N/A	3,0	2,2
2		195,9	0,118	4.817.885	28.029.940	N/A	N/A	4,3	3,1
3		172,1	0,140	3.092.810	31.124.195	N/A	N/A	2,7	2,0
4		131,5	0,194	988.125	21.589.065	N/A	N/A	0,9	0,6
5		117,9	0,220	2.450.805	33.426.675	N/A	N/A	2,2	1,6
6		102,8	0,253	1.914.880	23.912.115	N/A	N/A	1,7	1,3
7		78,9	0,337	8.951.180	44.350.620	N/A	N/A	7,9	5,8
8		75,0	0,354	2.806.955	29.941.590	N/A	N/A	2,5	1,8
9		71,4	0,374	16.950.190	77.735.900	N/A	N/A	15,0	11,1
10		63,6	0,424	1.647.470	25.924.660	N/A	N/A	1,5	1,1
11		55,0	0,486	2.244.935	27.915.700	N/A	N/A	2,0	1,5
12		51,2	0,516	1.790.100	19.741.080	N/A	N/A	1,6	1,2
13		41,8	0,604	1.778.455	22.374.040	N/A	N/A	1,6	1,2
14		40,6	0,617	2.530.620	26.107.750	N/A	N/A	2,2	1,7
15		38,1	0,644	1.980.670	24.686.635	N/A	N/A	1,8	1,3
16		32,1	0,716	36.941.085	87.351.950	N/A	N/A	32,7	24,1
17		24,8	0,821	5.130.770	30.113.035	N/A	N/A	4,5	3,4
18		11,4	0,935	13.587.250	36.043.400	N/A	N/A	12,0	8,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.80 mm
Regression Equation	A single equation is not available for this method

## Lane 8

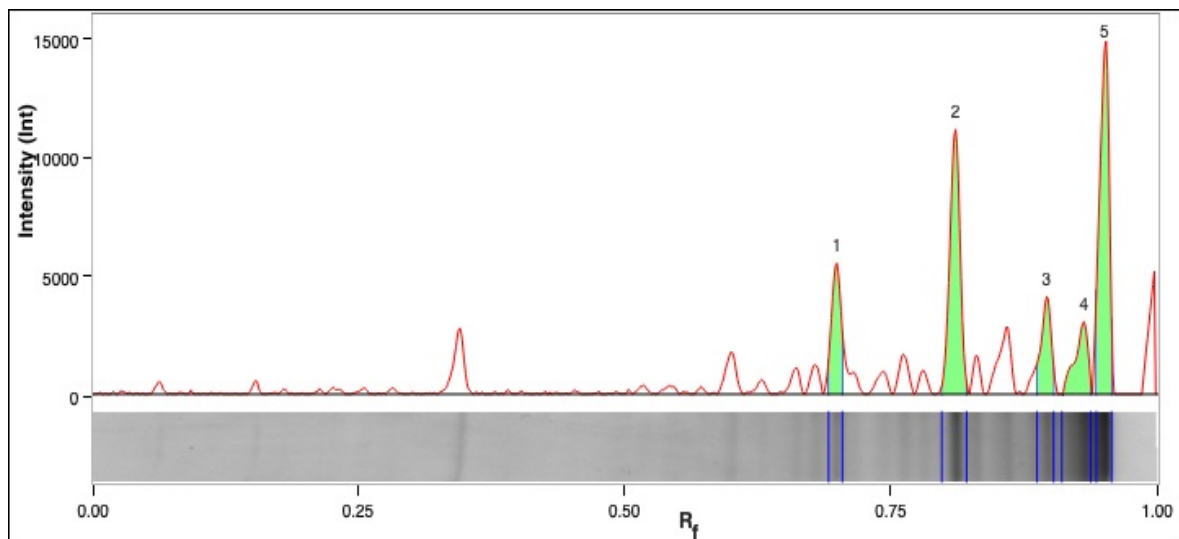




Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	6.676.000	39.361.840	N/A	N/A	6,8	5,2
2		203,5	0,111	6.778.240	42.435.680	N/A	N/A	6,9	5,3
3		177,4	0,135	3.594.160	31.360.560	N/A	N/A	3,6	2,8
4		121,8	0,212	4.156.000	26.943.680	N/A	N/A	4,2	3,3
5		106,8	0,244	1.696.000	42.136.880	N/A	N/A	1,7	1,3
6		80,8	0,329	8.233.520	34.943.920	N/A	N/A	8,3	6,5
7		76,8	0,346	3.165.120	28.460.080	N/A	N/A	3,2	2,5
8		73,2	0,364	15.668.640	58.138.960	N/A	N/A	15,9	12,3
9		42,6	0,596	884.000	21.553.840	N/A	N/A	0,9	0,7
10		41,2	0,610	1.765.440	18.967.040	N/A	N/A	1,8	1,4
11		32,5	0,711	36.759.440	81.429.920	N/A	N/A	37,2	28,9
12		25,2	0,816	3.457.040	18.129.440	N/A	N/A	3,5	2,7
13		11,8	0,933	6.022.000	21.607.360	N/A	N/A	6,1	4,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

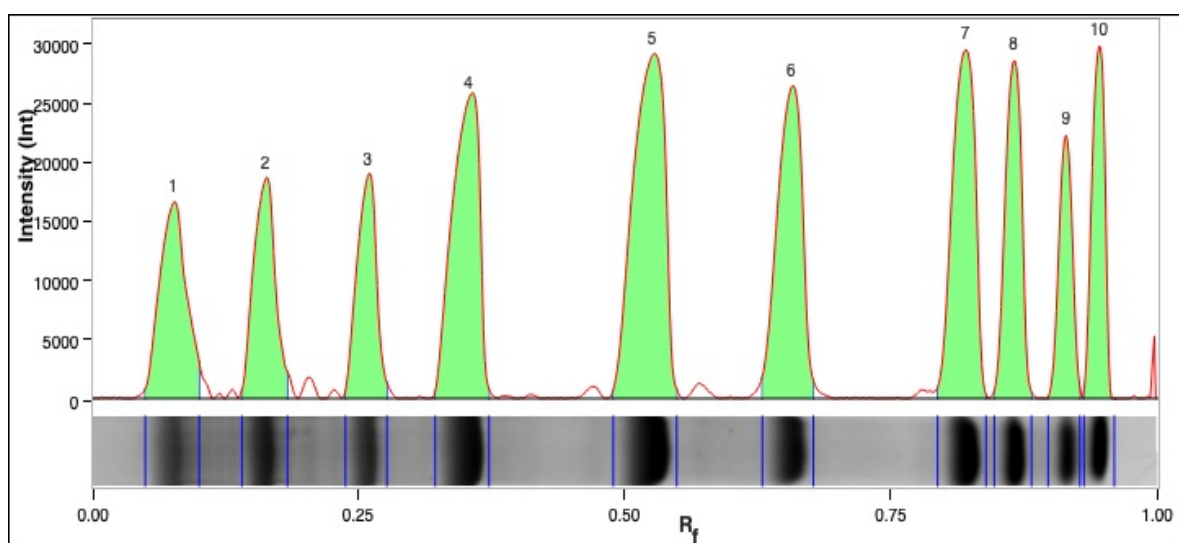
## Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		33,4	0,699	4.283.360	24.464.080	N/A	N/A	13,3	8,0
2		25,6	0,811	9.632.240	49.112.640	N/A	N/A	29,8	18,1
3		16,7	0,896	3.371.840	34.611.360	N/A	N/A	10,4	6,3
4		12,0	0,931	3.275.360	72.334.240	N/A	N/A	10,1	6,1
5		10,0	0,951	11.738.880	42.508.400	N/A	N/A	36,3	22,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.46 mm
Regression Equation	A single equation is not available for this method

### Lane 10 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
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				(Int)					
1		250,0	0,076	25.042.138	88.112.498	N/A	N/A	8,3	8,1
2		150,0	0,163	22.825.088	84.413.374	N/A	N/A	7,6	7,4
3		100,0	0,259	20.806.166	71.374.452	N/A	N/A	6,9	6,7
4		75,0	0,354	39.599.094	101.173.924	N/A	N/A	13,1	12,8
5		50,0	0,526	52.510.938	117.577.658	N/A	N/A	17,4	17,0
6		37,0	0,657	37.232.346	87.243.542	N/A	N/A	12,4	12,0
7		25,0	0,820	38.050.726	86.944.378	N/A	N/A	12,6	12,3
8		20,0	0,865	26.448.638	66.611.434	N/A	N/A	8,8	8,5
9		15,0	0,915	16.891.108	53.926.660	N/A	N/A	5,6	5,5
10		10,0	0,946	21.881.254	51.466.822	N/A	N/A	7,3	7,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	3.96 mm
Regression Equation	A single equation is not available for this method