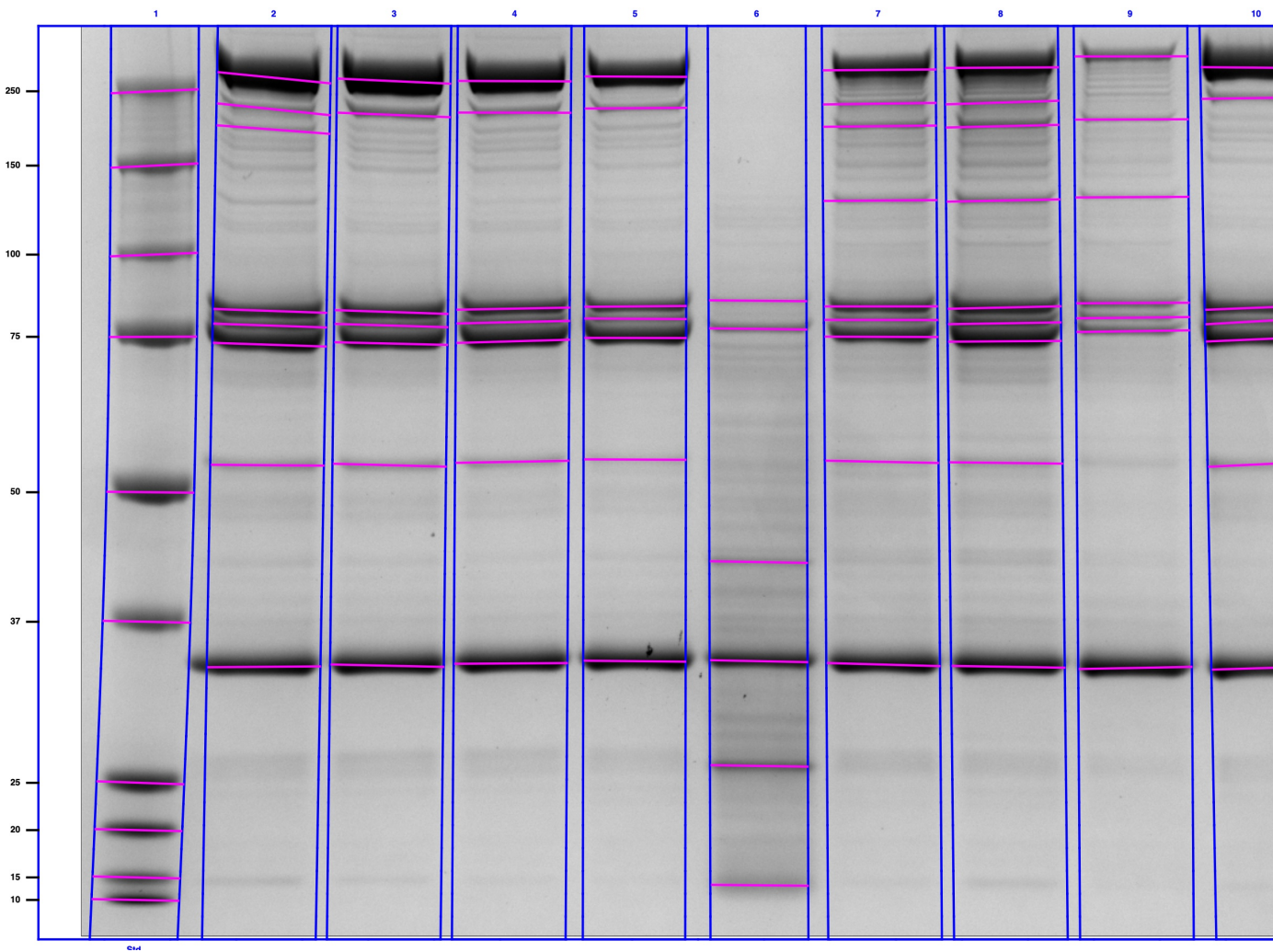


Image Report: linea3grey



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 2 7-07/linea3grey.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.004 (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	2/8/2023 3:34:59 PM
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User Name	FisioLab
Image Area (mm)	X: 76.3 Y: 55.1
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	10387 - 58087

## Analysis Settings

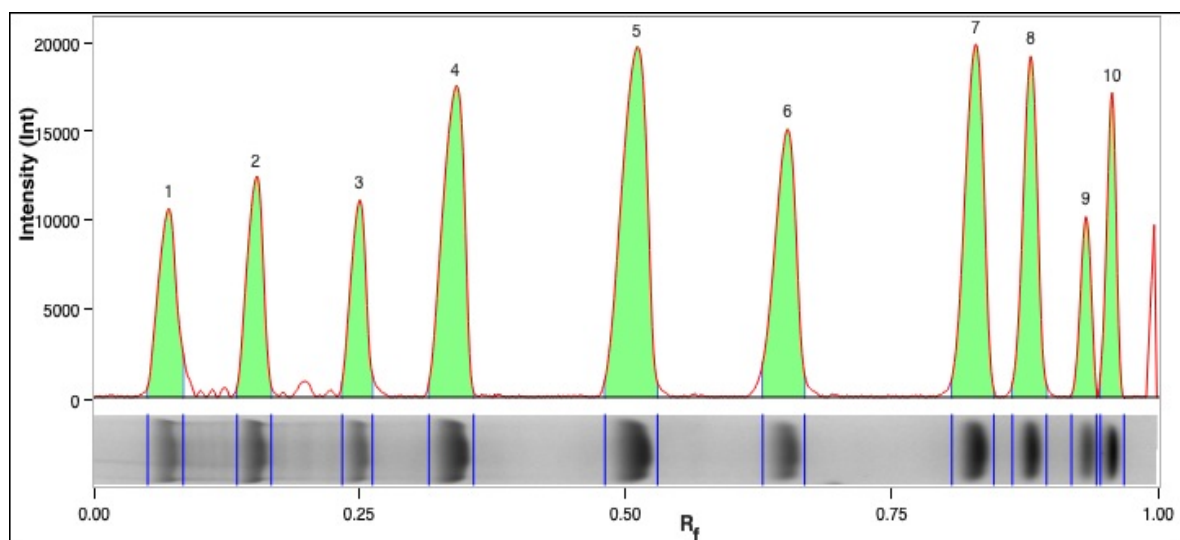
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: 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	212.206.644	621.544.794	222.308.424	1.315.560.558	1.093.252.134	N/A
2	193.771.429	564.125.400	218.358.465	1.690.856.150	1.472.497.685	N/A
3	203.195.335	558.312.042	222.510.171	1.619.416.123	1.396.905.952	N/A
4	189.574.879	524.537.642	207.617.014	1.590.439.526	1.382.822.512	N/A
5	162.507.072	426.519.457	181.949.495	1.398.323.472	1.216.373.977	N/A
6	64.519.548	237.756.210	90.372.294	1.396.957.695	1.306.585.401	N/A
7	153.095.699	489.999.278	178.728.590	1.637.104.960	1.458.376.370	N/A
8	168.462.546	576.177.326	195.959.392	1.727.711.757	1.531.752.365	N/A
9	94.671.744	308.475.816	112.303.718	1.412.196.443	1.299.892.725	N/A
10	181.102.696	488.373.380	199.262.597	1.521.149.284	1.321.886.687	N/A

## Lane And Band Analysis

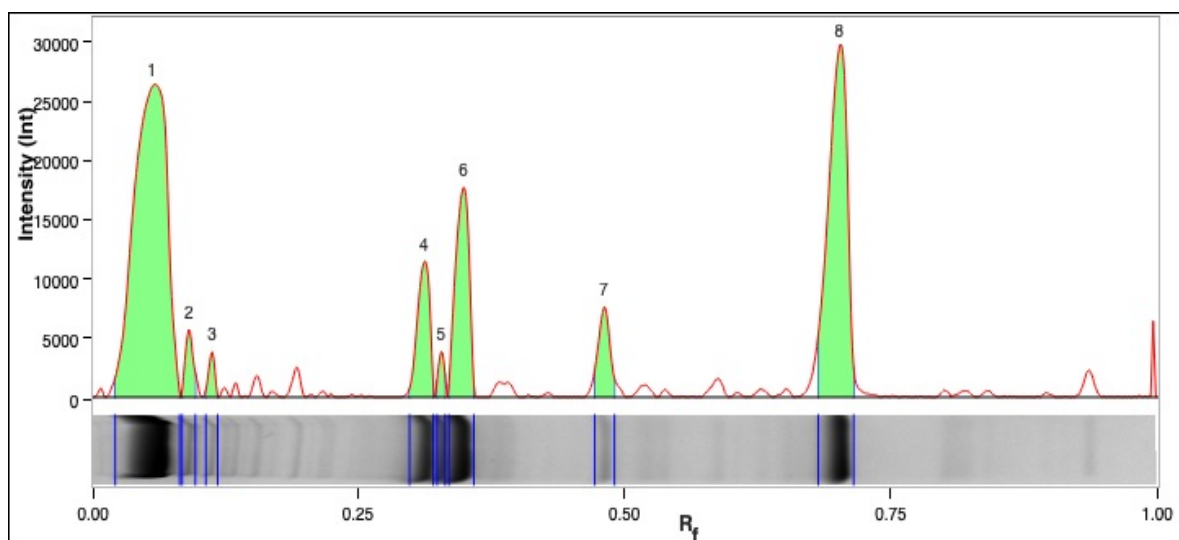
### Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,072	15.274.038	55.228.134	N/A	N/A	7,2	6,9
2		150,0	0,153	16.031.028	58.315.998	N/A	N/A	7,6	7,2
3		100,0	0,250	13.354.068	48.149.400	N/A	N/A	6,3	6,0
4		75,0	0,340	29.896.308	79.600.092	N/A	N/A	14,1	13,4
5		50,0	0,510	39.343.200	93.134.184	N/A	N/A	18,5	17,7
6		37,0	0,652	25.053.444	65.976.300	N/A	N/A	11,8	11,3
7		25,0	0,829	29.677.518	75.465.702	N/A	N/A	14,0	13,3
8		20,0	0,880	21.831.732	60.517.782	N/A	N/A	10,3	9,8
9		15,0	0,932	8.710.806	42.430.206	N/A	N/A	4,1	3,9
10		10,0	0,957	13.034.502	42.726.996	N/A	N/A	6,1	5,9

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

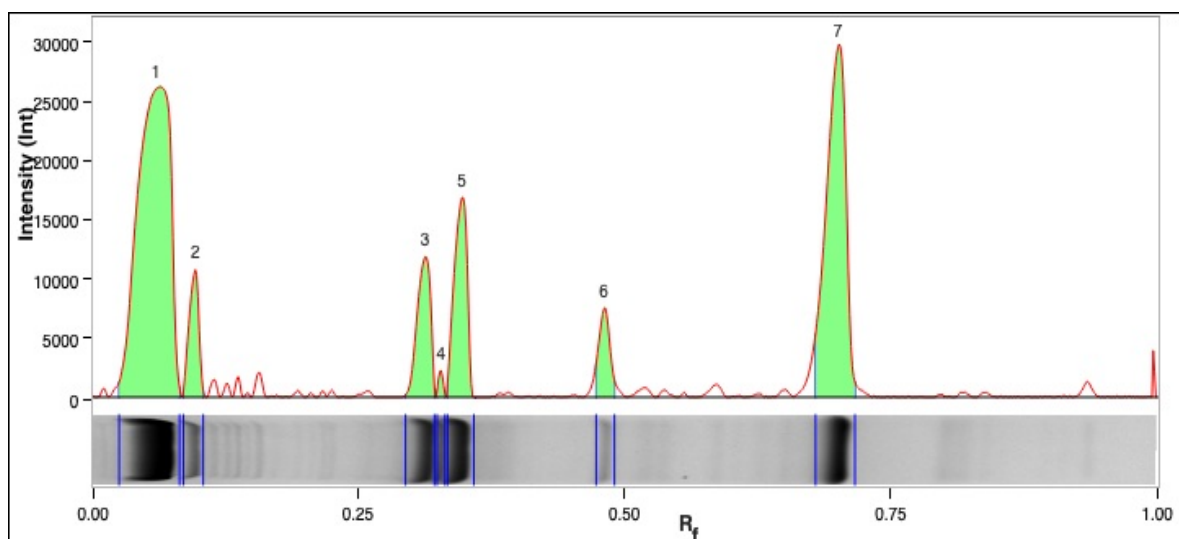
## Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,057	85.418.528	188.737.892	N/A	N/A	44,1	39,1
2		220,9	0,091	4.442.687	31.271.115	N/A	N/A	2,3	2,0
3		192,2	0,113	2.277.954	22.765.804	N/A	N/A	1,2	1,0
4		82,1	0,312	13.684.288	69.922.502	N/A	N/A	7,1	6,3
5		78,0	0,328	2.186.448	28.272.324	N/A	N/A	1,1	1,0
6		73,5	0,349	23.535.424	87.230.165	N/A	N/A	12,1	10,8
7		53,7	0,481	8.204.836	33.291.317	N/A	N/A	4,2	3,8
8		33,2	0,702	54.021.264	102.634.281	N/A	N/A	27,9	24,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

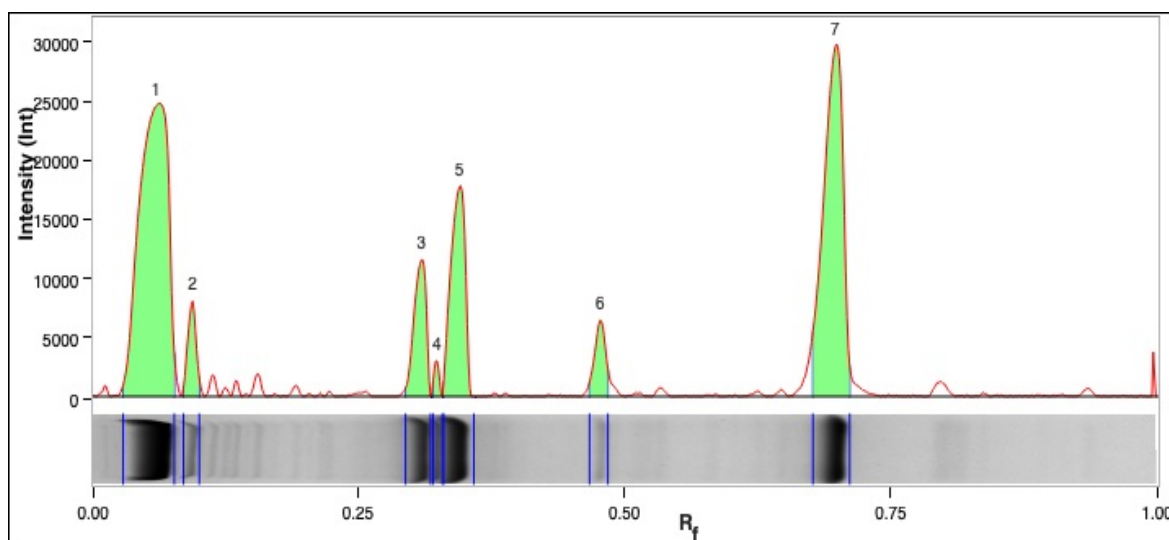
### Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,060	87.478.726	184.417.112	N/A	N/A	43,1	39,3
2		212,5	0,097	10.580.154	45.671.493	N/A	N/A	5,2	4,8
3		81,8	0,313	16.050.314	79.890.293	N/A	N/A	7,9	7,2
4		78,0	0,328	1.087.265	25.739.345	N/A	N/A	0,5	0,5
5		73,7	0,348	22.049.209	82.756.370	N/A	N/A	10,9	9,9
6		53,7	0,481	8.088.181	31.795.204	N/A	N/A	4,0	3,6
7		33,2	0,700	57.861.486	108.042.225	N/A	N/A	28,5	26,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

#### Lane 4

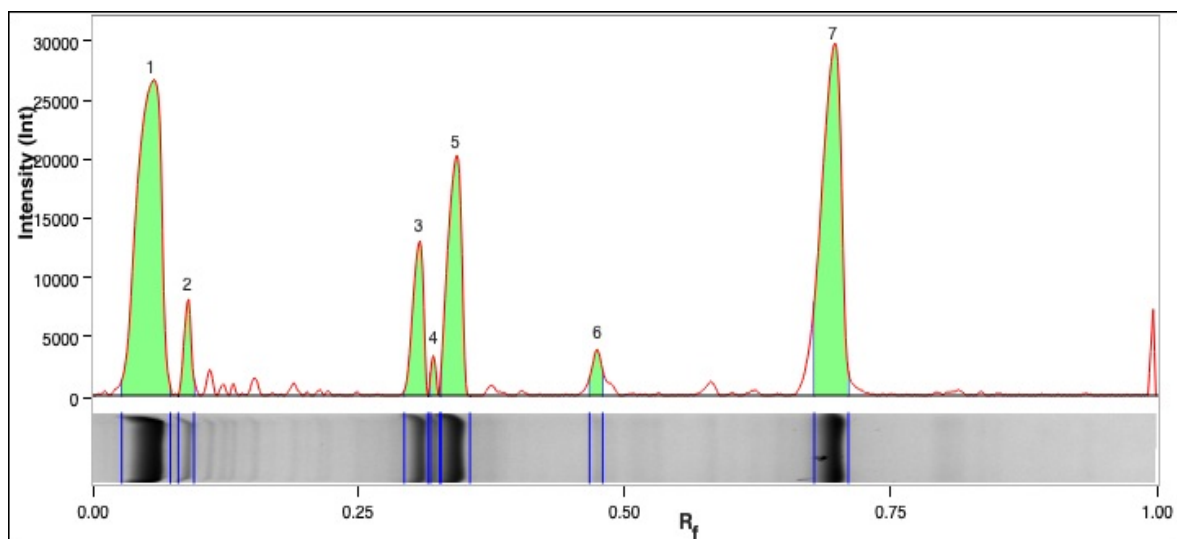


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,060	74.374.582	158.834.418	N/A	N/A	39,2	35,8
2		215,8	0,095	6.988.291	35.187.188	N/A	N/A	3,7	3,4
3		82,8	0,309	14.346.242	70.026.431	N/A	N/A	7,6	6,9
4		78,9	0,324	1.587.114	29.432.915	N/A	N/A	0,8	0,8
5		74,1	0,345	26.176.776	92.328.645	N/A	N/A	13,8	12,6
6		54,1	0,477	7.249.174	32.267.379	N/A	N/A	3,8	3,5
7		33,4	0,698	58.852.700	106.460.666	N/A	N/A	31,0	28,3

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

Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

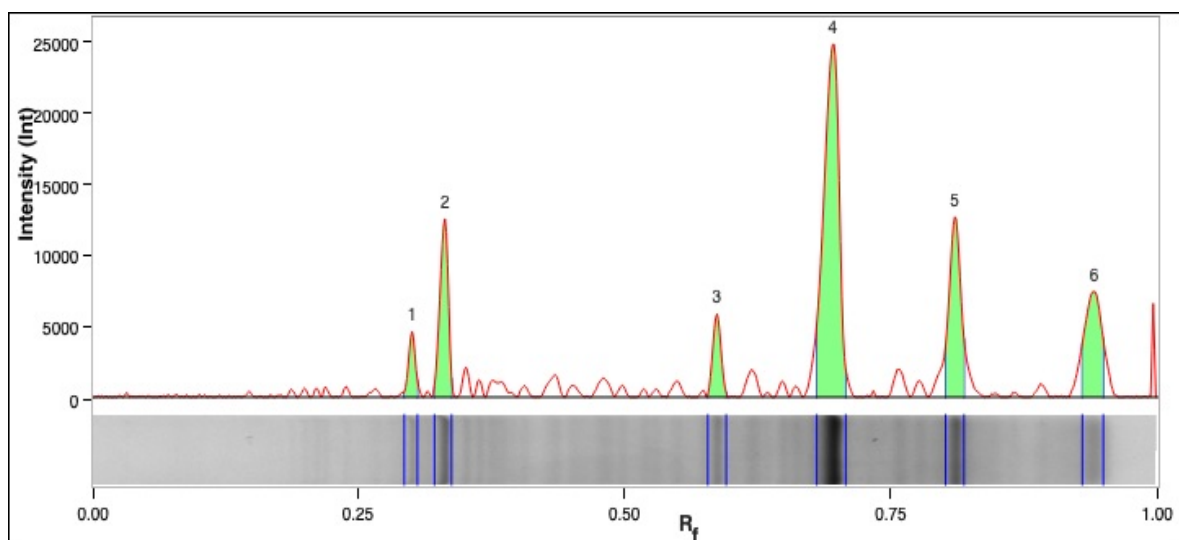
## Lane 5



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	60.785.998	124.947.186	N/A	N/A	37,4	33,4
2		222,6	0,090	5.587.400	29.990.051	N/A	N/A	3,4	3,1
3		83,4	0,307	12.967.136	55.740.958	N/A	N/A	8,0	7,1
4		79,9	0,321	1.580.033	24.110.268	N/A	N/A	1,0	0,9
5		74,8	0,342	26.064.857	78.803.361	N/A	N/A	16,0	14,3
6		54,4	0,475	3.345.706	18.685.303	N/A	N/A	2,1	1,8
7		33,6	0,695	52.175.942	94.242.330	N/A	N/A	32,1	28,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.21 mm
Regression Equation	A single equation is not available for this method

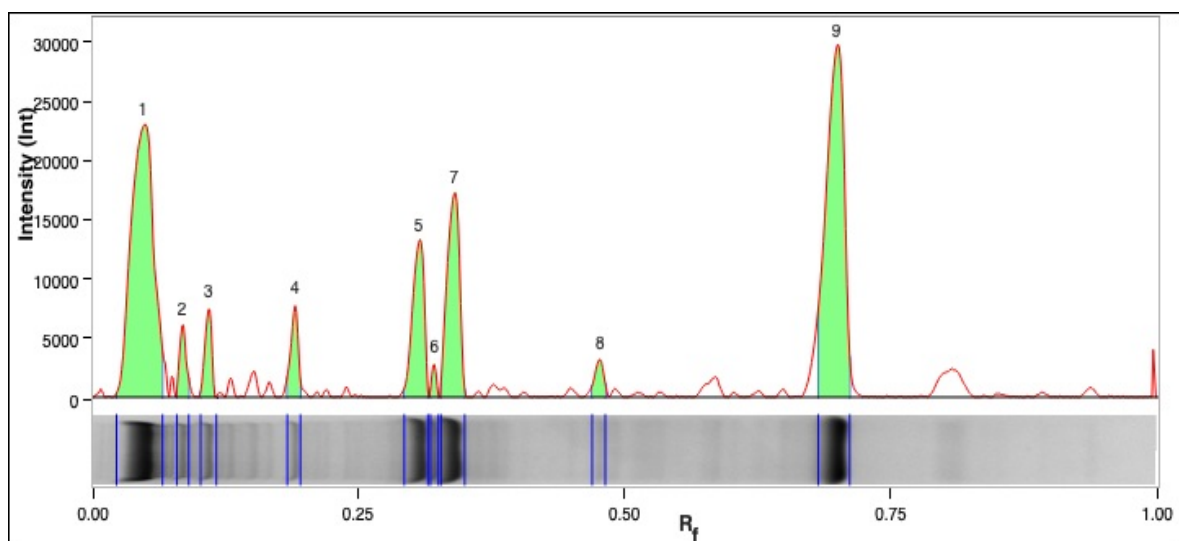
## Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		85,1	0,301	2.434.782	20.699.910	N/A	N/A	3,8	2,7
2		77,1	0,332	8.320.506	32.731.575	N/A	N/A	12,9	9,2
3		42,5	0,587	3.827.391	32.142.411	N/A	N/A	5,9	4,2
4		33,6	0,695	29.348.754	75.178.875	N/A	N/A	45,5	32,5
5		26,0	0,810	11.223.870	40.382.355	N/A	N/A	17,4	12,4
6		13,0	0,941	9.364.245	36.621.084	N/A	N/A	14,5	10,4

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

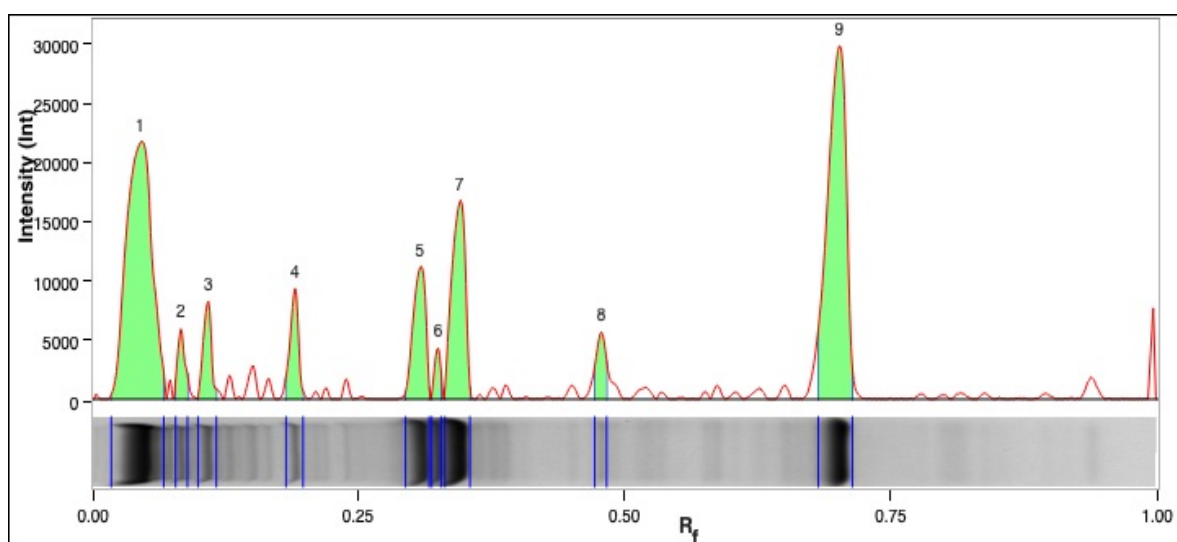
## Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,048	49.870.770	126.430.588	N/A	N/A	32,6	27,9
2		229,6	0,085	3.931.728	28.608.149	N/A	N/A	2,6	2,2
3		196,7	0,110	4.898.399	33.302.326	N/A	N/A	3,2	2,7
4		127,9	0,191	5.288.158	24.956.191	N/A	N/A	3,5	3,0
5		83,4	0,307	14.590.157	63.092.781	N/A	N/A	9,5	8,2
6		79,6	0,322	1.211.192	22.664.804	N/A	N/A	0,8	0,7
7		75,0	0,340	20.439.168	72.913.718	N/A	N/A	13,4	11,4
8		54,1	0,477	2.580.853	22.593.094	N/A	N/A	1,7	1,4
9		33,3	0,699	50.285.274	95.437.627	N/A	N/A	32,8	28,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

## Lane 8

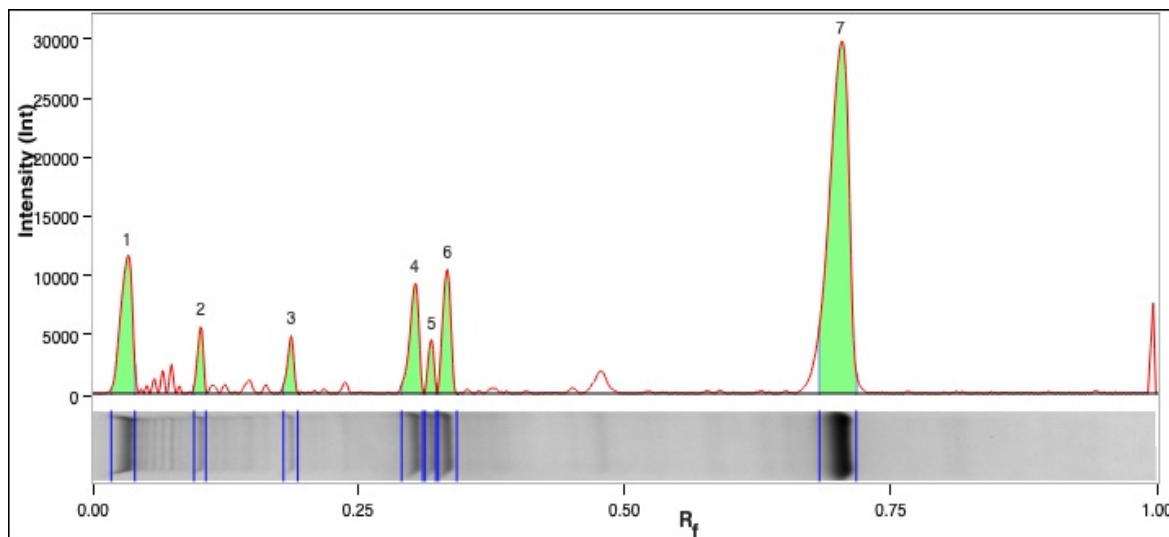


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,046	54.436.879	153.839.059	N/A	N/A	32,3	27,8
2		231,4	0,084	4.259.675	32.340.907	N/A	N/A	2,5	2,2
3		196,7	0,110	6.552.880	42.921.768	N/A	N/A	3,9	3,3
4		127,9	0,191	7.300.987	32.621.081	N/A	N/A	4,3	3,7
5		83,1	0,308	13.539.151	70.494.566	N/A	N/A	8,0	6,9
6		78,6	0,326	2.487.529	32.609.769	N/A	N/A	1,5	1,3
7		74,1	0,345	22.123.343	87.935.852	N/A	N/A	13,1	11,3
8		54,0	0,478	4.820.326	21.722.070	N/A	N/A	2,9	2,5
9		33,2	0,702	52.941.776	101.692.254	N/A	N/A	31,4	27,0



Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

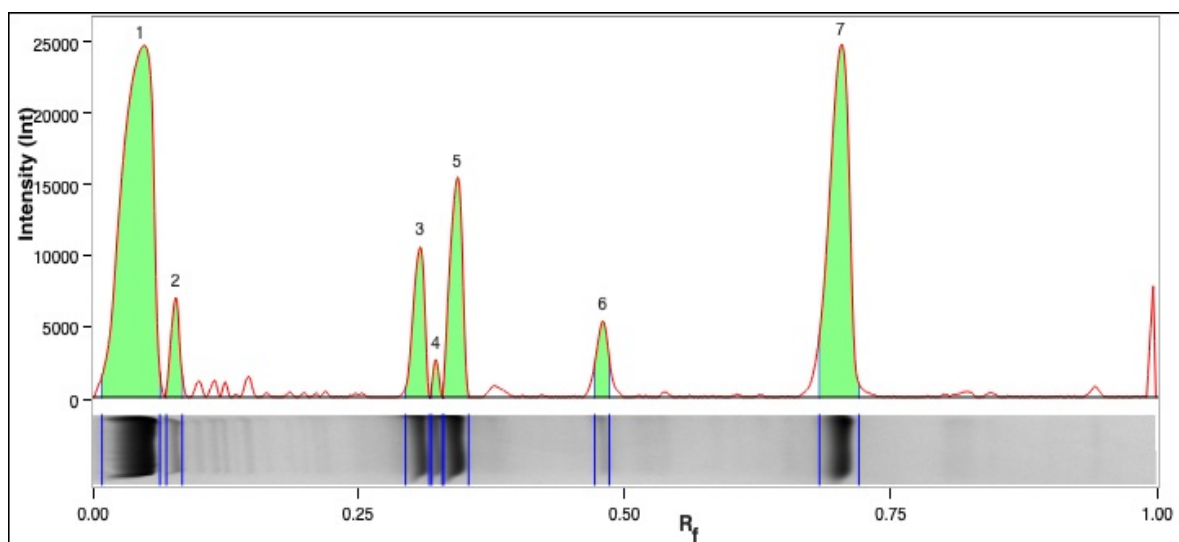
## Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,033	13.465.017	51.246.188	N/A	N/A	14,2	12,0
2		206,0	0,102	3.307.548	22.431.191	N/A	N/A	3,5	2,9
3		129,9	0,187	3.036.060	22.121.828	N/A	N/A	3,2	2,7
4		84,4	0,303	8.356.336	42.986.105	N/A	N/A	8,8	7,4
5		80,2	0,319	2.624.586	24.216.568	N/A	N/A	2,8	2,3
6		76,5	0,334	8.366.133	40.571.599	N/A	N/A	8,8	7,4
7		33,1	0,703	55.516.064	104.902.337	N/A	N/A	58,6	49,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 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	0,046	82.038.765	163.996.225	N/A	N/A	45,3	41,2
2		238,7	0,079	6.518.237	31.416.454	N/A	N/A	3,6	3,3
3		83,1	0,308	12.749.937	61.876.842	N/A	N/A	7,0	6,4
4		79,3	0,323	1.608.930	30.643.703	N/A	N/A	0,9	0,8
5		74,6	0,343	20.767.115	75.385.895	N/A	N/A	11,5	10,4
6		53,8	0,480	5.924.357	24.585.521	N/A	N/A	3,3	3,0
7		33,1	0,703	51.495.355	100.468.740	N/A	N/A	28,4	25,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method