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(54) Title: METHODS AND REAGENTS FOR PURIFICATION OF PROTEINS

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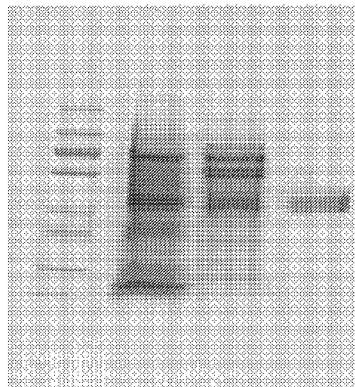


Figure 2

Lane	Description
1	Marker
2	Fraction F3 (FT + Wash unbound)
3	Fraction F4 (2 nd wash)
4	FS (with Elution) (JHL1921 fraction)

(57) Abstract: The present disclosure provides compositions and methods for purifying a protein such as DNase using a chromatographic process. The methods include a single chromatographic step and the use of high concentration salt buffers. The present disclosure provides methods for purification of a protein from a sample comprising loading the sample onto a chromatography column and washing the column with at least one buffer having very high conductivity. In some embodiments, the wash buffer has a conductivity of about 50 mS/cm, about 60 mS/cm, about 70 mS/cm, about 80 mS/cm, or higher. In further embodiments, the protein is eluted from the column with an elution buffer following the wash with the very high conductivity buffer.