

NAME: _____

In a paper on α -ketoglutarate dehydrogenase (think the TCA cycle), the authors used a Superdex S200 size exclusion chromatography column. The protein of interest (α -ketoglutarate E1) is 210,000 g per mole. The sample applied to the column would have (i) proteins larger than 210,000 g per mole; (ii) α -ketoglutarate E1; and (iii) protein that are smaller than 210,000 g per mole. List the order in which you expect the proteins to elute from the column.

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