

#### Quiz #4

Name:

ID. No.:

What does SDS-PAGE stand for? [principle].

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To prepare the samples to be applied in the gel [in SDS-PAGE] they were heated.

At which degree and why?

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Describe briefly the relationship between the log of molecular weights and the  $R_f$  values of proteins separated by using SDS-PAGE.

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Place [T] in front of true sentences and [F] in front of false ones, and correct the false ones :

1- Coomassie brilliant blue R-250 is used as tracking dye. [     ].

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2- Glycine is used to increase the density of the samples so they can fall in the wells.[     ].

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3- Dithiothreitol is a disulfide reducing agent. [     ].

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