

**Assays & Techniques – Cell Biology Division C, 2022-2023**

Below is a list of assays and techniques to know as per the rules. Here are some questions to consider:

* What is the purpose of each step and reagents used in the method?
* What information do they yield?
* When would the assay be used in an experiment?
* Which methods use antibodies, and what is the function of the antibodies?

**Regionals and States:**

Gel electrophoresis

* Agarose gel electrophoresis
* Polyacrylamide gel electrophoresis (PAGE)
	+ Native PAGE
	+ Non-reducing PAGE
	+ Reducing PAGE

Western Blot (immunoblot)

ELISA

Immunoprecipitation (including Co-Immunoprecipitation)