



- He can use Anti-human antibody
- None of the above

No, the answer is incorrect.

Score: 0 Accepted Answers:

He can use Anti-GST antibody for GST tags

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Arrays

Lecture 29 -Digging deeper

into NAPPA: Basic Workflow

Lecture 30 -Digging deeper

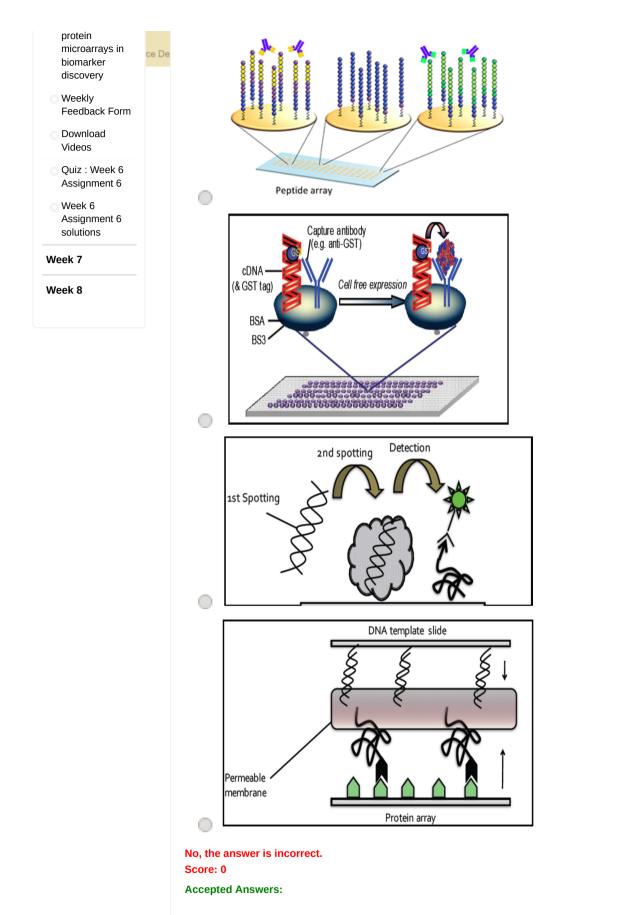
into NAPPA:

Curfaco





G+



	Peptide array
Linker, A	tell-free expression based microarrays (NAPPA), Aakash added cDNA, BSA, BS3 1 poin Anti-horse antibody and IVTT (In vitro Translation and Transcription) cocktail were spotted on and was allowed to Transcribe and Translate. The chip was processed using Anti-GST to proteins containing GST tags but no protein was observed. What could be the possible reason result?
	Proteins were not transcribed
	Proteins were not translated
	lacksquare Transcribed and Translated proteins were not captured on slide by Anti-horse antibody
	All of the above
No, t Scor	he answer is incorrect.
	epted Answers:
	scribed and Translated proteins were not captured on slide by Anti-horse antibody
	ash performed microarray but got high background after treating the slide with 1 poin
Chikanę	gunya patient serum. What could be the possible reason for the high background noise?
	Insufficient or improper washing of the slide
	Low dilution of the serum
	Both of the above
	None of the above
No, t Scor	he answer is incorrect. re: 0
	epted Answers: of the above
	PA is one of the advanced microarray system having peculiar features because of which 1 poir bllowing?
	It includes semi-permeable membrane which filters out unwanted proteins
	It includes Ni-NTA coating on the receiving slide
	It includes reusable cDNA template slide
	Both b) and c)
No, t Scor	he answer is incorrect. re: 0
Acce	epted Answers: b) and c)

E. coli extract

Rabbit reticulocyte lysate

Wheat Germ extract

Any of these can be used irrespective of the organism

No, the answer is incorrect. Score: 0

Accepted Answers: Rabbit reticulocyte lysate

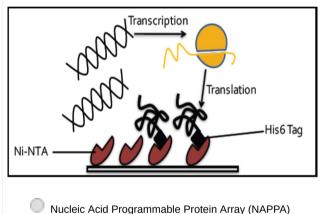
8) Prerna want to synthesis a bacterial epitope to check the action of ScFv (Single chain 1 point variable-fragment) for her studies. Can she use E. coli extract as IVTT?

True	
False	
No, the answer is incorrect.	
Score: 0	

Accepted Answers:

True

9) Asha performed microarray using one of the cell free synthesis system with the workflow 1 point shown below. Which of the following represents the microarray system correctly?



DNA Array to Protein Array (DAPA)

Protein In Situ Arrays (PISA)

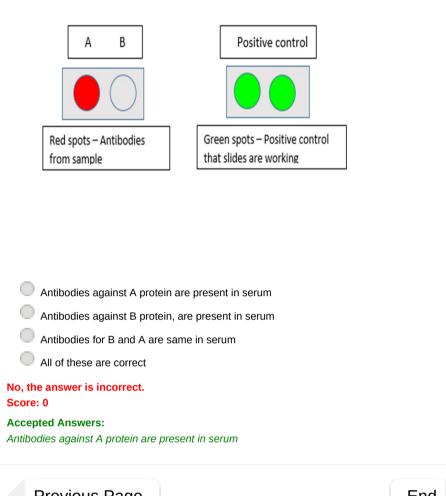
Multiple In situ Spotting Technique (MIST)

No, the answer is incorrect. Score: 0

Accepted Answers:

Protein In Situ Arrays (PISA)

10)Suma performed Microarray and found following results, but she don't know how to 1 point interpret the data. Guide the student suggesting most suitable answer.



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