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## **Chapter 10 - Membrane Transport**

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# **Chapter 10 - Membrane Transport**

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Which form of mediated membrane transport requires energy?

Passive	diffusion
1 033116	uniusion

Active Transport

## Which form of transport relies on chemical gradients to drive transport?

Passive diffusion

Active Transport

## What is an ionophore?

a molecule that helps pass an ion across a membrane

## lonophores are examples of which type of transport?

Active

Nonmediated

Passive-Mediated

Aquaporins are able to prevent hydronium ion transport.

True		
○ False		
Which of the following describe the Na-K ATPase ? Select all that apply.		
Passive Transporter		
Active Transporter		
Uniporter		
Symporter		
Antiporter		
In membrane transport proteins, kinetics are measured in terms of FLUX.		
True		
<ul><li>False</li></ul>		
ADC transportant accords CTD budgeturis to recombinate transport		
ABC transporters couple GTP hydrolysis to membrane transport.		
True		
False		
Consider the glucose transport system in Figure 10-21. Which of the following statements best describes the role of Na. Select all true statements.		
☐ The concentration of sodium must be kept high inside the cell.		
☐ The appropriate level of sodium is maintained through active transport of sodium into the cell		
☐ The sodium-glucose symporter pumps both substrates out of the cell.		
The low cellular concentration of sodium is accomplished by coupling sodium export with ATP hydrolysis.		

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