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Fructose + ATP ⇒ Fru 1-P + ADP ⇒ ATP + Pyruvate ⇒ Lactate + NAD*			
Part II: KHK Activity Assay	Ketonexokir	FIGURE 9) -9
 Make a "2x KHK cocktail" for at least 16 200 µL-assays: 			
Reagent	Volume/2x assay cocktail (uL)	Final Concentration	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	133 100 40 20 20 80 80 4 4 1519 2000	33 mM 100 mM 300 µM 6 mM 1.33 mM 1.3 mM 10 mM 1 U/mL 1 U/mL	Combine these components as part of a "cocktail." Keep cold until ~5 min prior to assay.
 The cocktail is prepared at 2x in all concentrations of reagents that are held constant. This will allow you to eventually add 100 μL of this 2X KHK cocktail to 100 μL of appropriately diluted KHK to give 1x concentrations of reagents. 			
 You can prepare the 2x cocktail while waiting for your DTNB assay, but keep it on ice. 			
 ~5 minutes before you start measuring activity, remove from ice and bring it to room temperature 			
Announce Concepts Procedure Ha	azards	Tips >	Clarification End

















