Name	Formula
#Glucose	$C_6H_{12}O_6$
#Oxygen	O_2
#Carbon_Dioxide	CO_2
#Water	H_2O
#Lactic_Acid	$C_3H_6O_3$
#ADP	$C_{10}H_{15}N_5O_{10}P_2$
#ATP	$C_{10}H_{16}N_5O_{13}P_3$
#Pyruvic_Acid	$C_3H_4O_3$
#Pyruvate	$C_3H_3O_3$
#NAD$^+$	$C_{21}H_{27}N_7O_{14}P_2$
#NADH	$C_{21}H_{29}N_7O_{14}P_2$
#NADP	$C_{21}H_{29}N_7O_{17}P_3$
#NADPH	$C_{21}H_{30}N_7O_{17}P_3$
#FAD	$C_{27}H_{33}N_9O_{15}P_2$
#FADH	$C_{27}H_{35}N_9O_{15}P_2$
#Ethanol	C_2H_6O
#Acetaldehyde	C_2H_4O
#CoA	$C_{21}H_{36}N_7O_{16}P_3S$
#Acetyl_CoA	$C_{23}H_{38}N_7O_{17}P_3S$ $(CoA–C_2H_2O)$
#Citryl_CoA	$C_{27}H_{42}N_7O_{22}P_3S$ $(CoA–C_6H_6O_6)$
#Succinyl_CoA	$C_{25}H_{40}N_7O_{19}P_3S$ $(CoA–C_4H_4O_3)$
#Citric_Acid	$C_6H_8O_7$
#Citrate	$C_6H_5O_7$
#Oxaloacetate	$C_4H_2O_5$
#alpha-glutarate	$C_5H_4O_5$
#Succinate	$C_4H_4O_4$
#Fumarate	$C_4H_2O_4$
#Malate	$C_4H_4O_5$
#RuBP	$C_5H_{12}O_{11}P_2$

Name	Formula
#3-PGA	$C_3H_7O_7P$
#G3P	$C_3H_5O_6P$

#ATP and #ADP

- ATP is a Hydrogen and Oxygen carrier
- The base is ADP
- ADP + **1H + 3O + 1P** = ATP

#NADH and #NAD+

- NADH is a hydrogen carrier, it carries **2H**

#NADPH and #NADP

- NADPH is a hydrogen carrier, it carries **1H**

#FADH and #FAD

- FADH is a hydrogen carrier, it carries **2H**