

What Happens When Starch Is Digested?



Bags	Contents	Results after Benedict's is added
Bag 1	<ul style="list-style-type: none"> • 2 teaspoons of water 	Benedict's remains blue; no sugar present. This bag is a control to show the color of Benedict's alone in water.
Bag 2	<ul style="list-style-type: none"> • 2 teaspoons of water • 1 teaspoon of "saliva" 	Benedict's remains blue; no sugar present. This bag is a control to show that "saliva" does not contain sugar and does not turn Benedict's to another color.
Bag 3	<ul style="list-style-type: none"> • $\frac{1}{2}$-inch piece of cracker • 2 teaspoons of water 	Benedict's remains blue; no sugar present.
Bag 4	<ul style="list-style-type: none"> • $\frac{1}{2}$-inch piece of cracker • 2 teaspoons of water • 1 teaspoon of "saliva" 	Benedict's turns bright green; sugar present. This bag shows that "saliva" turns starch into sugar.