

How Do Villi Absorb Liquid?



Experiment 1: How Much Liquid Can Villi Absorb?

Setup	Represents	Amount of water left after 1 minute
3 folded paper towels		
1 flat paper towel		

Compare the amount of water left in the two cups after 1 minute. Which towel(s) absorbed more water?

Experiment 2: How Fast Can Villi Absorb Liquid?

Setup	Represents	How long it takes to absorb 3 teaspoons of water
3 folded paper towels		
1 flat paper towel		

Compare how long it takes the towels in the two cups to absorb water. Which towel(s) absorbed the water in a shorter time?

How do villi help the small intestine absorb nutrients in foods?
