

	\bigcirc Reject H_0 . There is insufficient evidence to conclude that the mean serum-creatinine level in this particular group of patients is different from that of the general population.
	Reject H_0 . There is sufficient evidence to conclude that the mean serum-creatinine level in this particular group of patients is different from that of the general population.
	Fail to reject H_0 . There is sufficient evidence to conclude that the mean serum-creatinine level in this particular group of patients is different from that of the general population.
	*
(b)	What is the p -value for the test? (Use technology to find the p -value. Round your answer to four decimal places.) p -value = 0.4070
(c)	Suppose the sample standard deviation of serum creatinine in part (a) is 0.5 mg/dL. Assume that the standard deviation of
(c)	serum creatinine is not known, and perform the hypothesis test in part (a). Report a <i>p</i> -value.
	Find the test statistic. (Round your answer to two decimal places.) 0.66
	Use technology to report a <i>p</i> -value. (Round your answer to four decimal places.)
	p-value = 0.5221
	State your conclusion.
	$lacktriangled$ Fail to reject H_0 . There is insufficient evidence to conclude that the mean serum-creatinine level in this particular group of patients is different from that of the general population.
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	of patients is different from that of the general population. Reject H_0 . There is sufficient evidence to conclude that the mean serum-creatinine level in this particular group of
	patients is different from that of the general population.
	Fail to reject H_0 . There is sufficient evidence to conclude that the mean serum-creatinine level in this particular group of patients is different from that of the general population.
	group of patients is different from that of the general population.
(d)	Compute a two-sided 95% CI for the true mean serum-creatinine level (in mg/dL) in part (c). (Enter your answer using interval notation. Round your numerical values to two decimal places.)
	(0.76,1.44) mg/dit
(e)	How does your answer to part (d) relate to your answer to part (c).
	The interval contains \diamondsuit the mean for the general population \diamondsuit . This supports \diamondsuit the conclusion
	of our test in part (c).
Ne	ed Help? Read It
Sub	mit Answer
/1 Po	ints] DETAILS ROSBIOSTAT8 7.E.007.S. 1/2 Submissions Used
NOT	ES ASK YOUR TEACHER
Use a computer program or SALT to compute the probability that a <i>t</i> distribution with 33 df exceeds 2.8. (Round your answer to four decimal places.)	
	LA USE SALT

0.0042

