To calculate the sensitivity of the blood test for detecting bowel cancer, we use the formula:

\[ \text{Sensitivity} = \frac{\text{True Positives}}{\text{True Positives} + \text{False Negatives}} \]

From the table:

- True Positives (TP) = 2 (those who have bowel cancer and tested positive)

- False Negatives (FN) = 1 (those who have bowel cancer but tested negative)

Plugging these values into the formula:

\[ \text{Sensitivity} = \frac{2}{2 + 1} = \frac{2}{3} = 0.6667 \]

So, the sensitivity of the blood test is:

\[ \boxed{0.6667} \] or approximately \[ \boxed{66.67\%} \]