

Cancer?

Result

positive, 0.005

Yes, 0.95

$$0.005 * 0.95 = 0.0048$$

No, 0.05

$$0.005 * 0.05 = 0.0002$$

negative, 0.995

Yes, 0.01

$$0.995 * 0.01 = 0.01$$

No, 0.99

$$0.995 * 0.99 = 0.985$$