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Effect of Mold Release Spray on PCR

To determine the effect that *Smooth-On Universal Mold Release* spray has on PCR, varying amounts were added into PCR reactions. For this experiment we used the Lambda Assay I\*. The mold release spray is very volatile and evaporates almost instantly after being sprayed onto plastic.

3 combinations of the Assay with the mold release spray were tested in the Light-Scanner 32:

1. Lambda assay with no spray
2. Adding the assay into an Eppendorf tube after having sprayed it with the mold release
3. Adding a concentrated amount of the mold release into the assay at a 1:1 ratio

\* Lambda Assay I contains IDMO112-113 primer-set @ 0.5 uM and approximately 10,000 copies/rxn of Lambda DNA.