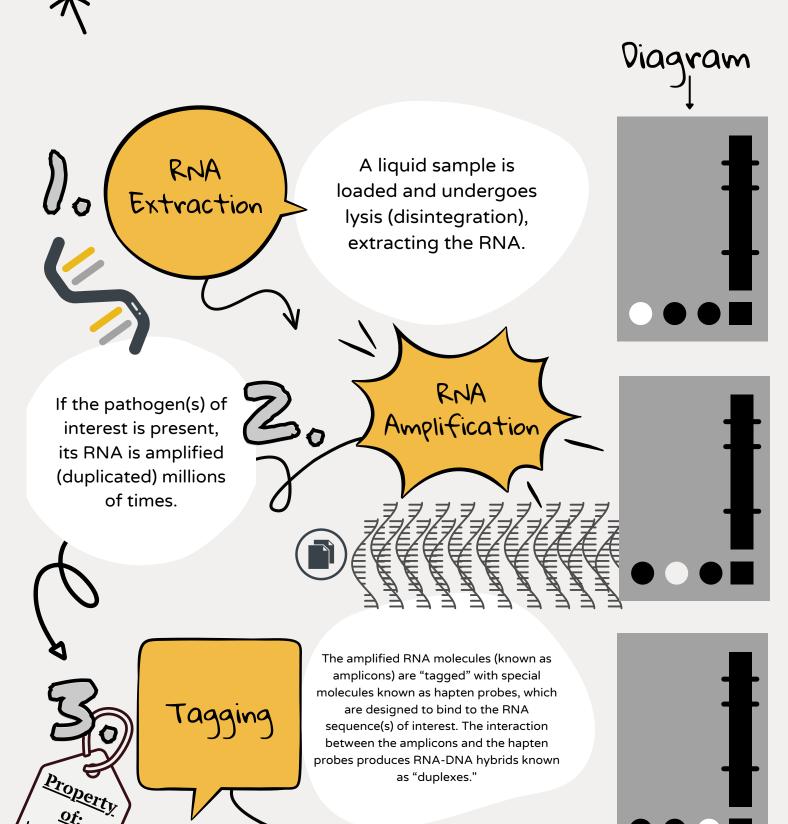
Sensitive RNA Lateral Flow Immunoassay



as "duplexes."

Complex Formation

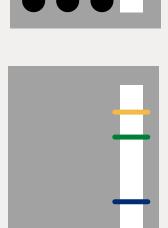
The RNA-DNA duplexes bind to specially designed antibodies, known as anti-DNA-RNA antibodies, which are coated in gold nanoparticles for visual identification, forming complex molecules or "complexes."

Pathogen Identification

HAPTER

PROBES

These complexes flow across the membrane (5) where embedded antibodies capture and bind the complexes into "sandwiches," identified by colored bands to indicate the presence of the pathogen(s) of interest. If there is no "sandwich" corresponding to a particular pathogen, no band will appear.



References *

A novel RNA detection technique for point-of-care identification of pathogens