



ARTHROPOD VECTOR RAPID DETECTION DEVICES (AV-RDD)



Diseases transmitted by arthropods cause severe morbidity and mortality throughout the world. Vector diagnostics include assays which detect disease-causing pathogens directly in the arthropod vectors such as mosquitoes and sand flies.

Malaria, Leishmania and Dengue dipstick kits will become part of entomological medical equipment sets.

MALARIA



Malaria AV-RDD
NSN: 6550-01-551-5327

DENGUE



Dengue AV-RDD
NSN: 6550-01-602-7751

LEISHMANIASIS



Leishmania AV-RDD
NSN: 6550-01-607-1834

RIFT VALLEY FEVER



Rift Valley Fever AV-RDD
NSN: 6550-01-598-2544

All four kits are available for procurement or purchase.



Importance of Vector Test Application:

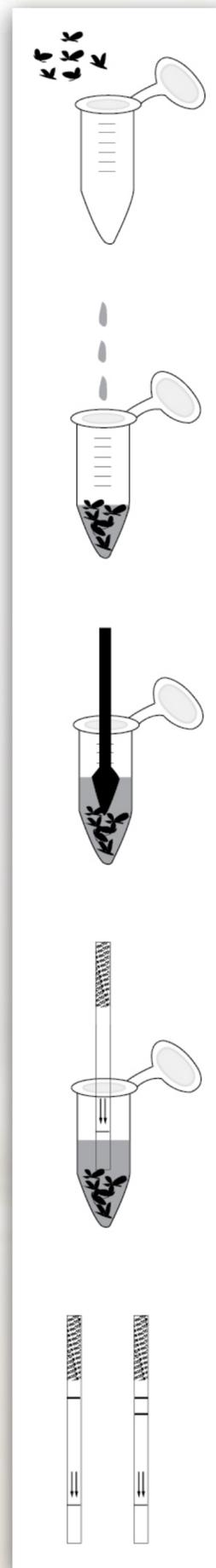
- Monitor the spread of disease
- Identify areas where there is risk to humans of contracting disease
- More efficiently target arthropod control measures
- Reduce the impact of disease on ongoing operations, health systems and economies.

Arthropods collected by standard techniques, such as the CDC light trap, can be tested for the presence of disease causing pathogens using these kits, which:

- Require little to no extra equipment
- Come with easy-to-use instructions
- Provide results within 15 minutes

Real-time results enable preventive medicine personnel to make recommendations to Commanders, medical planners and decision-makers regarding the use of personal protective measures.

These assay kits are designed for use by military entomologists, preventive medicine technicians, military environmental science officers, and other preventive medicine personnel.



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