

Search strategy for MERSTracker, by the SeroTracker Research Group

Database	Search	Search
Web of Science		ALL=("Middle East Respiratory Syndrome" OR MERS OR MERS-CoV OR "Middle East respiratory virus" OR "Middle East respiratory infection" OR "Middle Eastern Respiratory Syndrome" OR "Middle Eastern respiratory virus" OR "Middle Eastern respiratory infection")
October 8, 2024	2	ALL = (study OR studies OR survey* OR serosurvey* OR sero-survey* OR serosurveillance OR sero-surveillance OR surveillance OR outbreak* OR investigat* OR screen*)
	3	ALL=(antibod* OR virus OR viral OR DNA OR antigen OR seroprevalence OR sero-prevalence OR prevalence OR incidence OR molecular OR expos* OR transmi* OR proportion OR seropositiv* OR sero-positiv* OR distribut*)
	4	ALL=(detect* OR test* OR assay* OR immunoassay* OR PCR OR serum OR serolog*)
	5	1 AND 2 AND 3 AND 4
EMBASE	1	Middle East Respiratory Syndrome.mp. OR MERS.mp. OR exp Middle East Respiratory Syndrom Coronavirus/ OR MERS-CoV.mp. OR Middle East respiratory virus.mp. OR Middle East respiratory infection.mp. OR Middle Eastern Respiratory Syndrome.mp. OR Middle Eastern respiratory infection.mp. OR Middle Eastern respiratory virus.mp.
October 8, 2024	2	(study or studies or survey* or serosurvey* or sero-survey*).mp. or exp monitoring/ or (surveillance or serosurveillance or sero-surveillance).mp. or outbreak*.mp. or investigat*.mp.
	3	exp antibody/ or antibod*.mp. or virus.mp. or exp virus/ or viral.mp. or exp DNA/ or DNA.mp. or exp antigen/ or antigen*.mp. or seroprevalence.mp. or exp seroprevalence/ or sero-prevalence.mp. or prevalence.mp. or exp prevalence/ or incidence.mp. or exp incidence/ or proportion*.mp. or expos*.mp. or transmi*.mp. seropositiv*.mp. or sero-positiv*.mp. or seropositiv*.mp. or distribut*.mp.
	4	(detect* or test* or assay* or immunoassay*).mp. or exp immunoassay/ or PCR.mp. or exp polymerase chain reaction/ or serum.mp. or serolog*.mp.
	5	1 AND 2 AND 3 AND 4

PubMed	1	"Middle East Respiratory Syndrome"[All Fields] OR "MERS"[All Fields] OR "MERS-CoV"[All Fields] OR "Middle East respiratory virus"[All Fields] OR "Middle East respiratory infection"[All Fields] OR "Middle Eastern Respiratory Syndrome"[All Fields] OR "Middle Eastern respiratory virus"[All Fields] OR "Middle Eastern respiratory infection"[All Fields] OR "Middle East Respiratory Syndrome coronavirus"[MeSH Terms]
October 8, 2024	2	"studies"[All Fields] OR "study"[All Fields] OR "survey*"[All Fields] OR "serosurvey*"[All Fields] OR "sero-survey*"[All Fields] OR "serosurveillance"[All Fields] OR "sero-surveillance"[All Fields] OR "epidemiology"[All Fields] OR "surveillance"[All Fields] OR "epidemiology"[MeSH Terms] OR "outbreak*"[All Fields] OR "investigat*"[All Fields]
	3	"antibod*"[All Fields] OR "virus"[All Fields] OR "viral"[All Fields] OR "dna"[MeSH Terms] OR "dna"[All Fields] OR "antigen*"[All Fields] OR "seroprevalence"[All Fields] OR "sero-prevalence"[All Fields] OR "prevalence"[All Fields] OR "prevalence"[MeSH Terms] OR "incidence"[All Fields] OR "incidence"[MeSH Terms] OR "expos*"[All Fields] OR "transmi*"[All Fields] OR "proportion"[All Fields] OR "seropositiv*"[All Fields] OR "sero-positiv*"[All Fields] OR "distribut*"[All Fields]
	4	"detect*"[All Fields] OR "test*"[All Fields] OR "assay*"[All Fields] OR "immunoassay*"[All Fields] OR "PCR"[All Fields] OR "serum"[All Fields] OR "serolog*"[All Fields]
	5	1 AND 2 AND 3 AND 4
Medline	1	Middle East Respiratory Syndrome.mp. OR MERS.mp. OR exp Middle East Respiratory Syndrom Coronavirus/ OR MERS-CoV.mp. OR Middle East respiratory virus.mp. OR Middle East respiratory infection.mp. OR Middle Eastern Respiratory Syndrome.mp. OR Middle Eastern respiratory infection.mp. OR Middle Eastern respiratory virus.mp.
October 8, 2024	2	(study or studies or survey* or serosurvey* or sero-survey*).mp. or exp monitoring/ or (surveillance or serosurveillance or sero-surveillance).mp. or outbreak*.mp. or investigat*.mp.
	3	exp antibody/ or antibod*.mp. or virus.mp. or exp virus/ or viral.mp. or exp DNA/ or DNA.mp. or exp antigen/ or antigen*.mp. or seroprevalence.mp. or exp seroprevalence/ or sero-prevalence.mp. or prevalence.mp. or exp prevalence/ or incidence.mp. or exp incidence/ or proportion*.mp. or expos*.mp. or transmi*.mp. seropositiv*.mp. or sero-positiv*.mp. or seropositiv*.mp. or distribut*.mp.
	4	(detect* or test* or assay* or immunoassay*).mp. or exp immunoassay/ or PCR.mp. or exp polymerase chain reaction/ or

		serum.mp. or serolog*.mp.
	5	1 AND 2 AND 3 AND 4

Citation: SeroTracker Research Group and Collaborators. MERSTracker: A Dashboard and Data Platform for Middle East Respiratory Syndrome surveillance studies (2024); Website. Link: <https://new.serotracker.com/>