

## Search for histoplasmosis, HIV, and antigen testing

Database	Strategy	Run Date	Records
Medline (Ovid) 1946-	<p>(histoplasmos* OR histoplasma).mp. OR exp Histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp HIV/ OR exp Acquired Immunodeficiency Syndrome/</p> <p>AND</p> <p>(antigen* OR immune complex* OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR polymerase chain reaction*).mp. OR exp Antigens/ OR exp Blood/ OR exp Bone Marrow/ OR exp Serology/ OR exp Mycology/ OR exp Polymerase Chain Reaction/</p> <p>AND</p> <p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>	2/20/19	366 articles
Embase (Ovid) 1947-	<p>(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp Human immunodeficiency virus/ OR exp acquired immune deficiency syndrome/</p> <p>AND</p> <p>(antigen* OR immune complex* OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR polymerase chain reaction*).mp. OR exp antigen/ OR exp blood/ OR exp bone marrow/ OR exp serology/ OR exp mycology/ OR exp polymerase chain reaction/</p> <p>AND</p>	2/20/19	<p>1028 articles</p> <p>-303 duplicates</p> <p>=725 articles</p>

	<p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>		
<p>CAB Abstracts (Ovid) 1910-</p>	<p>(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp human immunodeficiency viruses/ OR exp acquired immune deficiency syndrome/</p> <p>AND</p> <p>(antigen* OR immune complex* OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR polymerase chain reaction*).mp. OR exp antigens/ OR exp blood/ OR exp bone marrow/ OR exp serology/ OR exp mycology/ OR exp polymerase chain reaction/</p> <p>AND</p> <p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>	<p>2/20/19</p>	<p>270 articles</p> <p>-197 duplicates</p> <p>=73 articles</p>
<p>Global Health (Ovid) 1910-</p>	<p>(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp human immunodeficiency viruses/ OR exp acquired immune deficiency syndrome/</p> <p>AND</p> <p>(antigen* OR immune complex* OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR polymerase chain reaction*).mp. OR exp antigens/ OR exp blood/ OR exp bone marrow/ OR exp serology/ OR exp mycology/ OR exp polymerase chain reaction/</p>	<p>2/20/19</p>	<p>273 articles</p> <p>-195 duplicates</p> <p>=2 articles</p>

	<p>AND</p> <p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>		
Scopus 1960-	<p>TITLE-ABS-KEY ( histoplasmos* OR histoplasma ) AND TITLE-ABS-KEY ( hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency ) AND TITLE-ABS-KEY(antigen* OR "immune complex" OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR "polymerase chain reaction") AND ( TITLE-ABS-KEY ( sensitiv* OR diagnos* OR "predictive value" ) OR TITLE-ABS ( accurac* )) AND ( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO ( LANGUAGE , "Spanish" ) OR LIMIT- TO ( LANGUAGE , "Portuguese" ) )</p>	2/20/19	<p>584 articles</p> <p>-554 duplicates</p> <p>=31 articles</p>
Cochrane Library 1800-	<p>#1(histoplasmos* OR histoplasma):ti,ab,kwLimits 93 #2MeSH descriptor: [Histoplasmosis] explode all treesMeSH 42 #3MeSH descriptor: [HIV] explode all treesMeSH 2896 #4MeSH descriptor: [Acquired Immunodeficiency Syndrome] explode all treesMeSH 1709 #5( hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency ):ti,ab,kwLimits 23558 #6(sensitiv* OR diagnos* OR "predictive value"):ti,ab,kwLimits 201636 #7(accurac*):ti,abLimits 13660 #8(antigen* OR "immune complex" OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serolog* OR serum* OR blood OR plasma OR marrow* OR mycolog* OR PCR OR "polymerase chain reaction"):ti,ab,kwLimits 342426 #9MeSH descriptor: [Antigens] explode all treesMeSH 13620 #10MeSH descriptor: [Blood] explode all treesMeSH 15019 #11MeSH descriptor: [Bone Marrow] explode all treesMeSH 595 #12MeSH descriptor: [Serology] explode all treesMeSH 5 #13MeSH descriptor: [Mycology] explode all treesMeSH 10 #14MeSH descriptor: [Polymerase Chain Reaction] explode all treesMeSH 2171</p>	2/20/19	<p>7 articles</p> <p>-6 duplicates</p> <p>=1 article</p>

	<p>#15#1 OR #2Limits 93  #16#3 OR #4 OR #5Limits 23558  #17#6 OR #7Limits 207398  #18#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR  #14Limits 345397  #19#15 AND #16 AND #17 AND #18Limits 7</p> <p>Limits: English, Spanish, Portuguese</p>		
<p>PubMed  Central (PMC)  2000-</p>	<p>(((((((((histoplasmos*[Abstract] OR  histoplasma[Abstract]))) OR (histoplasmos*[Title]  OR histoplasma[Title]))) OR "histoplasmosis"[MeSH  Terms])) AND (((hiv [Abstract] OR "human  immunodeficiency virus" [Abstract] OR aids  [Abstract] OR "acquired immunodeficiency  syndrome" [Abstract] OR  immunodeficiency[Abstract])) OR (hiv [Title] OR  "human immunodeficiency virus" [Title] OR aids  [Title] OR "acquired immunodeficiency syndrome"  [Title] OR immunodeficiency[Title])) OR  ("hiv"[MeSH Terms] OR "acquired  immunodeficiency syndrome"[MeSH Terms])) AND  (((sensitiv*[Abstract] OR diagnos*[Abstract]  OR "predictive value"[Abstract] OR  accurac*[Abstract])) OR (sensitiv*[Title] OR  diagnos*[Title] OR "predictive value"[Title] OR  accurac*[Title])) AND (((antigen*[Abstract] OR  "immune complex"[Abstract] OR  autoantigen*[Abstract] OR epitope*[Abstract] OR  isoantigen*[Abstract] OR superantigen*[Abstract]  OR allergen*[Abstract] OR histoplasmin[Abstract]  OR serolog*[Abstract] OR serum*[Abstract] OR  blood[Abstract] OR plasma[Abstract] OR  marrow*[Abstract] OR mycolog*[Abstract] OR  PCR[Abstract] OR "polymerase chain  reaction"[Abstract])) OR (antigen*[Title] OR  "immune complex"[Title] OR autoantigen*[Title]  OR epitope*[Title] OR isoantigen*[Title] OR  superantigen*[Title] OR allergen*[Title] OR  histoplasmin[Title] OR serolog*[Title] OR  serum*[Title] OR blood[Title] OR plasma[Title] OR  marrow*[Title] OR mycolog*[Title] OR PCR[Title]  OR "polymerase chain reaction"[Title])) OR  ("Antigens"[Mesh] OR "Blood"[Mesh] OR "Bone  Marrow"[Mesh] OR "Mycology"[Mesh] OR  "Serology"[Mesh] OR "Polymerase Chain  Reaction"[Mesh])) NOT  (((((((((((histoplasmos*[Abstract] OR  histoplasma[Abstract]))) OR (histoplasmos*[Title]  OR histoplasma[Title]))) OR "histoplasmosis"[MeSH  Terms])) AND (((hiv [Abstract] OR "human  immunodeficiency virus" [Abstract] OR aids  [Abstract] OR "acquired immunodeficiency  syndrome" [Abstract] OR  immunodeficiency[Abstract])) OR (hiv [Title] OR</p>	<p>2/20/19</p>	<p>12 articles   -10 duplicates   =2 articles</p>

	<p>"human immunodeficiency virus" [Title] OR aids [Title] OR "acquired immunodeficiency syndrome" [Title] OR immunodeficiency[Title])) OR ("hiv"[MeSH Terms] OR "acquired immunodeficiency syndrome"[MeSH Terms])) AND (((sensitivity*[Abstract] OR diagnosis*[Abstract] OR "predictive value"[Abstract] OR accuracy*[Abstract])) OR (sensitivity*[Title] OR diagnosis*[Title] OR "predictive value"[Title] OR accuracy*[Title])) AND (((antigen*[Abstract] OR "immune complex"[Abstract] OR autoantigen*[Abstract] OR epitope*[Abstract] OR isoantigen*[Abstract] OR superantigen*[Abstract] OR allergen*[Abstract] OR histoplasmin[Abstract] OR serology*[Abstract] OR serum*[Abstract] OR blood[Abstract] OR plasma[Abstract] OR marrow*[Abstract] OR mycology*[Abstract] OR PCR[Abstract] OR "polymerase chain reaction"[Abstract])) OR (antigen*[Title] OR "immune complex"[Title] OR autoantigen*[Title] OR epitope*[Title] OR isoantigen*[Title] OR superantigen*[Title] OR allergen*[Title] OR histoplasmin[Title] OR serology*[Title] OR serum*[Title] OR blood[Title] OR plasma[Title] OR marrow*[Title] OR mycology*[Title] OR PCR[Title] OR "polymerase chain reaction"[Title])) OR ("Antigens"[Mesh] OR "Blood"[Mesh] OR "Bone Marrow"[Mesh] OR "Mycology"[Mesh] OR "Serology"[Mesh] OR "Polymerase Chain Reaction"[Mesh])) AND medline[sb])</p>		
LILACS	<p>(tw:(histoplasmos* OR histoplasma )) AND (tw:(hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency )) AND (tw:(sensitivity* OR diagnosis* OR "predictive value" OR accuracy*)) AND (tw:(antigen* OR "immune complex" OR autoantigen* OR epitope* OR isoantigen* OR superantigen* OR allergen* OR histoplasmin OR serology* OR serum* OR blood OR plasma OR marrow* OR mycology* OR PCR OR "polymerase chain reaction"))</p> <p>Limits: LILACS, English, Spanish, Portuguese</p>	2/20/19	<p>70 articles</p> <p>-11 duplicates</p> <p>=59 articles</p>
		<b>De-duplicated in EndNote:</b>	<b>1259 articles</b>

## Broad search on histoplasmosis, HIV, and diagnosis

\*Diagnostic methodology search filter adapted from:

Haynes RB, Wilczynski NL. Optimal search strategies for retrieving scientifically strong studies of diagnosis from MEDLINE: analytical survey. BMJ. 2004; 328:1040-2.

Database	Strategy	Run Date	Records
Medline (Ovid) 1946-	<p>(histoplasmos* OR histoplasma).mp. OR exp Histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp HIV/ OR exp Acquired Immunodeficiency Syndrome/</p> <p>AND</p> <p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>	2/20/19	870 articles
Embase (Ovid) 1947-	<p>(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp Human immunodeficiency virus/ OR exp acquired immune deficiency syndrome/</p> <p>AND</p> <p>(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.</p> <p>Limits: English, Spanish, Portuguese</p>	2/20/19	<p>1701 articles</p> <p>-724 duplicates</p> <p>=977 articles</p>
CAB Abstracts (Ovid) 1910-	<p>(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/</p> <p>AND</p> <p>(hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp human immunodeficiency viruses/ OR exp acquired immune deficiency syndrome/</p> <p>AND</p>	2/20/19	<p>507 articles</p> <p>- 375 duplicates</p> <p>= 132 articles</p>

	(sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.  Limits: English, Spanish, Portuguese		
Global Health (Ovid) 1910-	(histoplasmos* OR histoplasma).mp. OR exp histoplasmosis/  AND  (hiv OR human immunodeficiency virus OR aids OR acquired immunodeficiency syndrome OR immunodeficiency).mp. OR exp human immunodeficiency viruses/ OR exp acquired immune deficiency syndrome/  AND  (sensitiv* OR diagnos* OR predictive value*).mp. OR accurac*.ti,ab.  Limits: English, Spanish, Portuguese	2/20/19	522 articles  - 514 duplicates  = 8 articles
Scopus 1960-	TITLE-ABS-KEY ( histoplasmos* OR histoplasma ) AND TITLE-ABS-KEY ( hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency ) AND ( TITLE-ABS-KEY ( sensitiv* OR diagnos* OR "predictive value" ) OR TITLE-ABS ( accurac* ) ) AND ( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO ( LANGUAGE , "Spanish" ) OR LIMIT-TO ( LANGUAGE , "Portuguese" ) )	2/20/19	1119 articles  - 1058 duplicates  = 61 articles
Cochrane Library 1800-	#1(histoplasmos* OR histoplasma):ti,ab,kw Limits 93 #2MeSH descriptor: [Histoplasmosis] explode all treesMeSH 42 #3MeSH descriptor: [HIV] explode all treesMeSH 2896 #4MeSH descriptor: [Acquired Immunodeficiency Syndrome] explode all treesMeSH 1709 #5( hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency ):ti,ab,kw Limits 23558 #6(sensitiv* OR diagnos* OR "predictive value"):ti,ab,kw Limits 201636 #7(accurac*):ti,abLimits 13660 #8#1 OR #2Limits 93 #9#5 OR #3 OR #4Limits 23558 #10#6 OR #7Limits 207398 #11#8 AND #9 AND #10Limits 7  Limits: English, Spanish, Portuguese	2/20/19	7 articles  - 6 duplicates  = 1 article
PubMed Central (PMC)	((((((((histoplasmos*[Title] OR histoplasma[Title]))) OR (histoplasmos*[Abstract] OR	2/20/19	49 articles

2000-	<p>histoplasma[Abstract])) OR "histoplasmosis"[MeSH Terms])) AND (((hiv [Title] OR "human immunodeficiency virus" [Title] OR aids [Title] OR "acquired immunodeficiency syndrome" [Title] OR immunodeficiency[Title])) OR (hiv [Abstract] OR "human immunodeficiency virus" [Abstract] OR aids [Abstract] OR "acquired immunodeficiency syndrome" [Abstract] OR immunodeficiency[Abstract])) OR ("hiv"[MeSH Terms] OR "acquired immunodeficiency syndrome"[MeSH Terms])) AND (((sensitiv*[Title] OR diagnos*[Title] OR "predictive value"[Title] OR accurac*[Title])) OR (sensitiv*[Abstract] OR diagnos*[Abstract] OR "predictive value"[Abstract] OR accurac*[Abstract])))) NOT (((((((histoplasmos*[Title] OR histoplasma[Title])) OR (histoplasmos*[Abstract] OR histoplasma[Abstract])) OR "histoplasmosis"[MeSH Terms])) AND (((hiv [Title] OR "human immunodeficiency virus" [Title] OR aids [Title] OR "acquired immunodeficiency syndrome" [Title] OR immunodeficiency[Title])) OR (hiv [Abstract] OR "human immunodeficiency virus" [Abstract] OR aids [Abstract] OR "acquired immunodeficiency syndrome" [Abstract] OR immunodeficiency[Abstract])) OR ("hiv"[MeSH Terms] OR "acquired immunodeficiency syndrome"[MeSH Terms])) AND (((sensitiv*[Title] OR diagnos*[Title] OR "predictive value"[Title] OR accurac*[Title])) OR (sensitiv*[Abstract] OR diagnos*[Abstract] OR "predictive value"[Abstract] OR accurac*[Abstract])))) AND medline[sb])</p>		<p>- 45 duplicates</p> <p>= 4 articles</p>
LILACS	<p>(tw:(histoplasmos* OR histoplasma )) AND (tw:(hiv OR "human immunodeficiency virus" OR aids OR "acquired immunodeficiency syndrome" OR immunodeficiency )) AND (tw:(sensitiv* OR diagnos* OR "predictive value" OR accurac*)) AND (instance:"regional")</p> <p>Limits: LILACS, English, Spanish, Portuguese</p>	2/20/19	<p>210 articles</p> <p>- 35 duplicates</p> <p>= 175 articles</p>
		<b>De-duplicated in EndNote:</b>	<b>2228 articles</b>