

Respiratory Point-of-Care Diagnostics

ANTIGENS AND ANTIBODIES FOR COMMERCIAL ASSAY DEVELOPMENT



Respiratory diseases are the leading cause of death amongst all infectious diseases and are enormously diverse, ranging from trivial to severe. Point-of-Care (POC) tests for common respiratory pathogens have become an essential part of disease management in emergency care settings. Their rapid turn-around-time has both improved antibiotic stewardship and significantly reduced the number of hospital admissions.

RESPIRATORY DISEASES

- Adenovirus
- *Chlamydia pneumoniae*
- Influenza A Virus (Nucleoprotein)
- Influenza B Virus (Nucleoprotein)
- *Legionella pneumophila*
- Metapneumovirus
- *Mycoplasma pneumoniae*
- *Mycobacterium tuberculosis*
- Parainfluenza
- RSV
- Rhinovirus
- Streptococcus Group A
- *Streptococcus pneumoniae*



ANTIBODY PAIRS

	CAPTURE	DETECTION		CAPTURE	DETECTION		CAPTURE	DETECTION
Adenovirus	C01785M	C01828M	Influenza B Virus (Nucleoprotein)	C65016M	C65131M	Parainfluenza	C65492M	C65738M
	C01727M	C01728M		C65081M	C65131M		C65467M ^R	C65329M
	C86804M	C86006M		C65107M	C65131M	RSV	C65064M	C65065M
	C65431M	C65604M		C01328M	C01329M		C65063M	C65065M
Influenza A Virus (Nucleoprotein)	C01321M	C01323M	C01897M	C01747M	C01770M	C01776M		
	C65331M	C65375M	C01744M	C01897M	C01770M	C01773M		
	C01732M	C01731M	C01748M	C01897M	C01769M	C01773M		
	C01736M	C01731M	C01747M ^R	C01744M	Streptococcus Group A	B65510R ^R	C01756R	
	C01731M ^R	C01760M	C01746M	C01747M		Streptococcus pneumoniae	C01759R	C01758R
		C01741M	C01897M					
		<i>Mycobacterium tuberculosis</i>	C01398M	C01400M				
			<i>Mycoplasma pneumoniae</i>	C01941M	C01939M			
				C01787M	C01790M			
				C01788M	C01790M			
		C01788M		C01791M				
			C01939M	C01942M				

^R = Reversible

ANTIBODIES

Adenovirus Hexon

C01785M	ELISA, pair
C01828M	ELISA, pair
C11994M	ELISA, LF
C01727M	ELISA, LF, pair
C01728M	ELISA, LF, pair
C86006M	ELISA, LF, pair
C86804M	ELISA, IHC, pair
C65431M	ELISA, LF, IFA, pair
C65604M	ELISA, LF, IFA, pair

Chlamydia pneumoniae

C01369M	(TWAR) ELISA, IFA
C01841M	(TWAR) ELISA, IFA
C01843M	(TWAR) ELISA, IFA
R02620	ELISA, WB

Influenza A Virus (Nucleoprotein)

C01321M	ELISA, WB, pair
C01323M	ELISA, pair
C65331M	ELISA, IFA, pair
C65375M	ELISA, IFA, pair
C01731M	ELISA, LF, pair
C01732M	LF, pair
C01736M	ELISA, LF, pair
C01760M	LF, pair

Influenza B Virus (Nucleoprotein)

C65131M	LF, pair
C01328M	ELISA, WB, pair
C01329M	ELISA, WB, pair
C01897M	LF, pair
C01741M	LF, pair
C01744M	LF, pair
C01746M	LF, pair
C01747M	LF, pair
C01748M	LF, pair

Legionella pneumophila

C01951M	(LPS) ELISA, LF
C01952M	(LPS) ELISA, LF
C01590M	(LPS) ELISA, LF
C01591M	(LPS) ELISA, LF
B65054R	PAb (Rabbit) ELISA
B65051G	PAb (Rabbit) IFA

Metapneumovirus

C01851M	(Nucleoprotein) ELISA, IFA, IHC, WB
C01852M	(Fusion Protein) ELISA, IFA, IHC

Mycoplasma pneumoniae

C01787M	(P1) ELISA, IFA, pair
C01788M	(P1) ELISA, IFA, pair
C01790M	(P1) ELISA, IFA, pair
C01791M	(P1) ELISA, IFA, pair
C01939M	(P30) ELISA, pair
C01941M	(P30) ELISA, pair
C01940M	(P30) ELISA, pair
C01942M	(P30) ELISA, pair
C01521M	ELISA, WB, IFA

Mycobacterium tuberculosis

C01400M	(CFP10) ELISA, pair
C01398M	(CFP10) ELISA, pair
C01401M	(ESAT6) ELISA
C01402M	(ESAT6) ELISA
B65601R	PAb (Rabbit) IFA, IHC

Parainfluenza

C01306M	(Type 1, Fusion Protein)
C65492M	(Type 1, Fusion Protein) ELISA, IFA, pair
C65738M	(Type 1&3, Fusion Protein) ELISA, IFA, pair
C65241M	(Type 2) IFA, pair
C01308M	(Type 3, Hemagglutinin)
C65329M	(Type 3, Hemagglutinin) ELISA, IFA, pair
C65467M	(Type 3, Hemagglutinin) ELISA, IFA, pair

Rhinovirus

C01698M	(VP3) ELISA, IFA
C01696M	(VP3) ELISA, IFA
C01697M	(Nucleoprotein) ELISA, IFA

RSV

C66432M	(Nucleoprotein) DB, LF
C65063M	(Fusion Protein) ELISA, LF, IFA, pair
C65064M	(Fusion Protein) ELISA, LF, IFA, Neut., pair
C65065M	(Fusion Protein) ELISA, LF, IFA, Neut., pair
C01769M	(Fusion Protein) ELISA, pair
C01770M	(Fusion Protein) ELISA, pair
C01773M	(Fusion Protein) ELISA, pair
C01776M	(Fusion Protein) ELISA, pair
B65860G	PAb (Goat) ELISA, IFA
B65840G	PAb (Goat) ELISA, WB, IHC, Neut.

Streptococcus Group A

C65421M	(Rabbit MAb) ELISA
C01756R	(Rabbit MAb) ELISA, LF, pair
B65510R	PAb (Rabbit) ELISA, IFA, LF, pair

Streptococcus pneumoniae

C01758R	(CWPS, Rabbit MAb) ELISA, LF, IFA, pair
C01759R	(CWPS, Rabbit MAb) ELISA, LF, IFA, pair
C01637M	(CWPS) ELISA, IFA
C01638M	(CWPS) ELISA, IFA
B65831R	PAb (Rabbit) ELISA, IFA

ANTIGENS

Adenovirus

R14800, Native	(Type 2) ELISA
R86310, Native	(Type 6) ELISA
R02721, Native	ELISA

Influenza A Virus (Nucleoprotein)

R86280, Native	(A/Beijing/262/95), ELISA
R01249, Native	(A/Brisbane/10/07), ELISA

Influenza B Virus (Nucleoprotein)

R02310, Native	(B/Hong Kong 5/72), ELISA
R01248, Native	(B/Malaysia/2506/04), ELISA

Legionella pneumophila

R14610, Native	(Whole Cell) ELISA
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Mycoplasma pneumoniae

R02102, Native	ELISA
R14720, Native	(p30 enriched)
R01701, Native	(p30 enriched) ELISA, CLIA, LF, WB

Mycobacterium tuberculosis

R01590, Rec. <i>E. coli</i>	(CFP10) ELISA, WB
R01668, Rec. <i>E. coli</i>	(CFP10, ESAT6) ELISA, WB

Parainfluenza

R02802, Native	(Type 1) ELISA
R02902, Native	(Type 2) ELISA
R02002, Native	(Type 3) ELISA

RSV

R86900, Native	ELISA
8175, Native	ELISA

Streptococcus Group A

A01717N, Native	LF
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