



m-TECH / Monoclonal Technologies Inc.

"Immunochemicals for Research"

1-888-683-2414 / 770-521-1960



Increase your coverage with no sacrifice of specificity

2014 *Legionella Product Catalog*



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**** WHY TEST FOR ONLY ONE OR MAYBE SIX SEROGROUPS OF LEGIONELLA PNEUMOPHILA WHEN YOU COULD TEST FOR ALL FOURTEEN SEROGROUPS WITH ONE CONJUGATE :**

PRODUCT # 92-148-FL

DFA test for Legionella pneumophila Sero-Groups 1 – 14

Panvalent FITC Conjugate produced to the following pneumophila strains:

<u>GENUS / SPECIES</u>	<u>SERO-GROUP</u>	<u>STRAIN</u>
Legionella pneumophila	1	Knoxville 1
Legionella pneumophila	1	Bellingham 1
Legionella pneumophila	1	Olda
Legionella pneumophila	1	Philadelphia 1
Legionella pneumophila	2	Togus 1
Legionella pneumophila	3	Bloomington 2
Legionella pneumophila	4	Portland 1
Legionella pneumophila	4	Los Angeles 1
Legionella pneumophila	5	Cambridge 1
Legionella pneumophila	5	Dallas 1
Legionella pneumophila	6	Chicago 2
Legionella pneumophila	7	Chicago 8
Legionella pneumophila	8	Concord 3
Legionella pneumophila	9	IN-23-G1-C2
Legionella pneumophila	10	Leiden 1
Legionella pneumophila	11	797-PA-H
Legionella pneumophila	12	570-CO-H
Legionella pneumophila	13	82A3105
Legionella pneumophila	14	1169-MN-H

Increase your coverage with no sacrifice of specificity.



MONOSPECIFIC CONJUGATES AND ANTIGENS AVAILABLE :

<u>SERO-GROUP</u>	<u>STRAIN</u>		<u>FITC CONJUGATE #</u>	<u>ANTIGEN SUSPENSION #</u>
1	Knoxville 1	†	92-100-FL	92-100-H
1	Bellingham 1	†	92-101-FL	92-101-H
1	Olda	†	92-102-FL	92-102-H
1	Philadelphia 1	*	92-103-FL	92-103-H
2	Togus 1	*	92-104-FL	92-104-H
3	Bloomington 2	*	92-105-FL	92-105-H
4	Portland 1	†	92-106-FL	92-106-H
4	Los Angeles 1	*	92-107-FL	92-107-H
5	Cambridge 1	†	92-108-FL	92-108-H
5	Dallas 1	*	92-109-FL	92-109-H
6	Chicago 2	*	92-110-FL	92-110-H
7	Chicago 8	*	92-111-FL	92-111-H
8	Concord 3	*	92-112-FL	92-112-H
9	IN-23-G1-C2	*	92-113-FL	92-113-H
10	Leiden 1	*	92-114-FL	92-114-H
11	797-PA-H	*	92-115-FL	92-115-H
12	570-CO-H	*	92-116-FL	92-116-H
13	82A3105	*	92-117-FL	92-117-H
14	1169-MN-H	*	92-118-FL	92-118-H
** DFA NEGATIVE CONTROL CONJUGATE			92-600-FL	

ALL FITC CONJUGATES

conjugates are in Evans blue counter stain & contain merthiolate as perservative.

ALL ANTIGEN SUSPENSIONS

heat killed antigens are suspended in PBS plus a clear mordant to assist in attachment of cells to slide.

* *designated Sero-Group reference type strains*

† *suggested supplemental strain to give more complete Sero-Group coverage*

Reference: HEW publication no.[CDC] 79-8375 – “Legionnaires’ “the disease, the bacterium and methodology.

Detection of Legionnaires’ Disease Bacteria in Clinical Specimens by Direct Immunofluorescence

by William B. Cherry & Roger M. McKinney



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TEST FOR NINETEEN LEGIONELLA SPECIES & SEROGROUPS
OTHER THAN PNEUMOPHILA WITH ONE CONJUGATE:

PRODUCT # 92-149-FL

Also available as Rhodamine Conjugate

DFA test for Legionella Species b - m (bozemanii - maceachernii).

Panvalent FITC Conjugate produced to the following Legionella species strains:

LEGIONELLA		
<u>SPECIES</u>	<u>SEROGROUP</u>	<u>STRAIN</u>
Legionella bozemanii	1	WIGA
Legionella bozemanii	2	Toronto 3
Legionella dumoffii	1	NY-23
Legionella gormanii	1	LS-13
Legionella micdadei	1	TATLOCK
Legionella longbeachae	1	Long Beach 4
Legionella longbeachae	2	Tucker 1
Legionella jordanis	1	BL-540
Legionella oakridgensis	1	Oak Ridge 10
Legionella wadsworthii	1	81-716
Legionella feeleeii	1	WO-44C-C3
Legionella feeleeii	2	691-WI-H
Legionella sainthelensi	1	Mt. St. Helens 4
Legionella anisa	1	WA-316-C3
Legionella santicrucis	1	SC-63-C7
Legionella spiritensis	1	Mt. St. Helens 9
Legionella hackeliae	1	Lansing 2
Legionella hackeliae	2	798-PA-H
Legionella maceachernii	1	PX-1-G2-E2

**MONOSPECIFIC CONJUGATES & ANTIGENS AVAILABLE :**

SPECIES	SEOGROUP	STRAIN		FITC CONJUGATE #	ANTIGEN SUSPENSION #
Legionella bozemanii	1	WIGA	*	92-120 -FL	92-120-H
Legionella bozemanii	2	Toronto 3	*	92-121 -FL	92-121-H
Legionella dumoffii	1	NY-23	*	92-122 -FL	92-122-H
Legionella gormanii	1	LS-13	*	92-123 -FL	92-123-H
Legionella micdadei	1	TATLOCK	*	92-124 -FL	92-124-H
Legionella longbeachae	1	Long Beach 4	*	92-125 -FL	92-125-H
Legionella longbeachae	2	Tucker 1	*	92-126 -FL	92-126-H
Legionella jordanis	1	BL-540	*	92-127 -FL	92-127-H
Legionella oakridgensis	1	Oak Ridge 10	*	92-128 -FL	92-128-H
Legionella wadsworthii	1	81-716	*	92-129 -FL	92-129-H
Legionella feeleii	1	WO-44C-C3	*	92-130 -FL	92-130-H
Legionella feeleii	2	691-WI-H	*	92-131 -FL	92-131-H
Legionella sainthelensi	1	Mt. St. Helens4	*	92-132 -FL	92-132-H
Legionella anisa	1	WA-316-C3	*	92-133 -FL	92-133-H
Legionella santicrucis	1	SC-63-C7	*	92-134 -FL	92-134-H
Legionella spiritensis	1	Mt St Helens 9	*	92-137 -FL	92-137-H
Legionella hackeliae	1	Lansing 2	*	92-138 -FL	92-138-H
Legionella hackeliae	2	798-PA-H	*	92-139 -FL	92-139-H
Legionella maceachernii	1	PX-1-G2-E2	*	92-140 -FL	92-140-H

* designated Species Type Strains.

ALL FITC CONJUGATES: *conjugates are in Evans blue counter stain & contain merthiolate as preservative.*

ALL ANTIGEN SUSPENSIONS: *heat killed antigens are suspended in PBS plus a clear mordant to assist in attachment of cells to slide.*



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DFA MONO-SPECIFIC CONJUGATES (NOT IN PANVALENT)*

<u>SPECIES</u>	<u>STRAIN</u>	<u>FITC CONJUGATE #</u>	<u>ANTIGEN SUSPENSION #</u>
L. pneumophila SG 1	Pontiac 1	92-099-FL	92-099-H
L. pneumophila SG 15	Lansing 3	92-119-FL	92-119-H
L. steigerwaltii	SC-18-C9	92-135-FL	92-135-H
L. spiritensis	MSH-9	92-137-FL	92-137-H
L. jamestowniensis	JA-26-G1-E2	92-141-FL	92-141-H
L. cherrii	ORW	92-142-FL	92-142-H
L. rubrilucens	WA-270A-C2	92-143-FL	92-143-H

All FITC Conjugates - 2ml conjugates are in Evans blue counter stain & contain merthiolate as preservative

All Antigen Suspensions - 2ml heat killed antigens are suspended in PBS plus a clear mordant to assist in attachment of cells to slide.

**Catalog # 92-701-S**

Store at -20° Centigrade - Desiccate if possible.
Prior to staining slide should be gently heat-fixed.

PRODUCT DATASHEET

Legionella heat-killed antigens are prepared from pure cultures grown for 24 hours at 37C in 2.5% CO2 on our modified BCYE media. Cell suspensions are adjusted to give 100-200 cells per 1,000X microscope field. They are in a phosphate buffer with a clear mordant to assist in the attachment of the cells to the slide.

Legionella pneumophila serogroups 1-14 DFA Control Slide (not for IFA testing)

WELL#	SEROGROUP	STRAIN #	PRODUCT #
1	1	Philadelphia 1	92-103-H
2	1	Knoxville 1	92-100-H
3	1	Olda	92-102-H
4	2	Togus 1	92-104-H
5	3	Bloomington 2	92-105-H
6	4	Los Angeles 1	92-107-H
7	4	Portland 1	92-106-H
8	5	Dallas 1	92-109-H
9	5	Cambridge 1	92-108-H
10	6	Chicago 2	92-110-H
11	7	Chicago 8	92-111-H
12	8	Concord 3	92-112-H
13	9	IN-23-G1-C2	92-113-H
14	10	Leiden 1	92-114-H
15	11	797-PA-H	92-115-H
16	12	570-CO-H	92-116-H
17	13	82A3105	92-117-H
18	14	1169-MN-H	92-118-H

**Catalog # 92-731-S**

Store at -20° Centigrade - Desiccate if possible.
Prior to staining slide should be gently heat-fixed.

PRODUCT DATA SHEET

Legionella heat-killed antigens are prepared from pure cultures grown for 24 hours at 37C in 2.5% CO2 on our modified BCYE media. Cell suspensions are adjusted to give 100-200 cells per 1,000X microscope field. They are in a phosphate buffer with a clear mordant to assist in the attachment of the cells to the slide.

Legionella Species other than pneumophila. DFA Control Slide (not for IFA testing)

WELL#	SEROGROUP	DESCRIPTION	STRAIN	PRODUCT #
1	1	L. bozemanii	WIGA	92-120-H
2	2	L. bozemanii	Toronto 3	92-121-H
3	1	L. dumoffii	NY-23	92-122-H
4	1	L. gormanii	LS-13	92-123-H
5	1	L. micdadei	TATLOCK	92-124-H
6	1	L. longbeachae	Long Beach 4	92-125-H
7	2	L. longbeachae	Tucker 1	92-126-H
8	1	L. jordanis	BI-540	92-127-H
9	1	L. oakridgensis	Oak Ridge 10	92-128-H
10	1	L. wadsworthii	81-716	92-129-H
11	1	L. feeleii	WO-44C-C3	92-130-H
12	2	L. feeleii	691-WI-H	92-131-H
13	1	L. sainthelensi	Mt. St. Helens 4	92-132-H
14	1	L. anisa	WA-316-C3	92-133-H
15	1	L. santicrucis	SC-63-C7	92-134-H
16	1	L. hackeliae	Lansing 2	92-138-H
17	2	L. hackeliae	798-PA-H	92-139-H
18	1	L. maceachernii	PX-1-G2-E2	92-140-H



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ORDER INFORMATION

To place an order:

TOLL FREE (U.S.): 1-888-683-2414

OUTSIDE U.S.: 01-770-521-1960

FAX: 770-521-1930

E-mail: m-tech@mindspring.com

HOURS:

Monday - Friday 9a.m. - 5p.m. EST.

TERMS:

Net 30 from date of shipment. 1½ % interest per month after 30 days.

VISA / MASTERCARD accepted.

NEW ACCOUNTS:

All new accounts will be shipped certified funds or wire transfer until credit is approved.

SHIPPING:

All conjugates and antigens are shipped overnight Monday – Thursday within the United States.

Overseas shipments will be handled on an individual basis.

No shipments will be made on Friday or Saturday.

All shipping and handling charges will be billed per order.

MINIMUM ORDER:

\$100.00

RETURNS:

No returns will be accepted without a RMA (return merchandise authorization) number.

WARRANTY:

All products manufactured by m-TECH®/ Monoclonal Technologies, Inc. are warranted as described on the labeling providing the product is stored as directed and used before the expiration date. m-TECH®/ Monoclonal Technologies disclaims any implied warranty of fitness for any other purpose and in no way shall m-TECH®/ Monoclonal Technologies be held liable for any damages arising out of the aforesaid warranty.

TECHNICAL ASSISTANCE:

Our technicians are available Monday - Friday 9a.m. - 5p.m EST to assist you with any questions you may have concerning m-TECH® products.

Prices are subject to change without notification.

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MONOCLONAL TECHNOLOGIES, INC.

CREDIT APPLICATION

PART A

Application date: _____

Company name: _____

Address: _____

City: _____ State _____ Zip code _____

Owner or Director _____

Contact person _____

Phone (____) _____ Fax (____) _____

E-mail (if applicable) _____

Does your business use purchase orders: yes _____ no _____

NOTE: If shipping address is different from billing address please attach shipping information

PART B

If paying by credit card fill in the following information, skip Part C, and complete Part D.

Type of card (please check one)

VISA

MasterCard

Card number _____ Name on card _____

Expiration date _____

PART C

REFERENCES

Name of bank _____ Phone number _____

Account number _____

Please attach three credit references with which you currently do business. Please include their name, address, phone number, and account number.

PART D

The above information is correct and true to my knowledge. I agree to the payment terms set forth by **m-TECH™** and agree to pay for all material specified by invoice.

Company name _____

By _____ TITLE _____ DATE _____

Signature

**FAX TO: 770-521-1930 OR
MAILTO: m-TECH / Monoclonal Technologies, Inc. /
16335 New Bullpen Road / MILTON, GA 30004**