

## NCIMS Appendix N Pilot Program

For all NCIMS testing, refer to the Tetracycline Pilot Program Bulk Milk Tanker Screening Test form for IDEXX SNAP Tetracycline (Appendix N Pilot Program).

- Upon initial screen using the Procedure, a positive result indicates an Initial Positive.
- For milk samples yielding an Initial Positive result, promptly retest the SAME sample in duplicate using the sample dilution protocol below. Test a positive and a negative control along with the duplicate retest samples. Do not use checksets.
- To obtain detection levels reported in the "Performance Information" section of this insert, the sample must be diluted with previously screened tetracycline negative milk. In a clean container, mix 1 part of sample milk to be tested with 9 parts of negative milk. For example, if using calibrated pipettes, add 0.5 mL of sample milk to 4.5 mL of negative milk. Mix well and proceed to follow the test kit instructions under the "Procedure" section of this insert.
- The preparation of the positive and negative control samples is described in the "Checksets, Positive and Negative Controls in the United States for NCIMS Testing" section.

### Interpretation of Retest Results

If the controls test correctly, negative results for both retest samples indicate a Negative Result (report as Not Found).

If the controls test correctly and one or both of the retest samples test Positive, the sample is a "Tetracycline Presumptive Positive Test."

In accordance with Appendix N Pilot Program, report all presumptive positives to the appropriate regulatory agency.

If either control does not test correctly, then repeat the assay. If either control still does not test correctly, do not continue testing. Contact the appropriate regulatory agency to determine milk status. Contact IDEXX Technical Services for technical assistance.

### Performance Information

#### Sensitivity (using dilution protocol)

Dose Response Information	% Positive		
	Tetracycline	Oxytetracycline	Chlortetracycline
Concentration (parts per billion)			
0	0	0	–
100	18	42	–
150	53	89	–
200	80	99	–
250	94	100	49
300	98	100	99
600	–	–	–
Calculated 90/95	292	180	< 600 ppb

#### Cross-Reactivity

Concentration (parts per billion)	% Positive	
	Tetracycline	Doxycycline
0	0	0
30	0	0
60	0	0
150	100	100
300	100	100

The IDEXX SNAP Tetracycline Test Kit cross-reacts with the following drugs at the levels indicated: The IDEXX SNAP Tetracycline Test Kit does not cross-react with the following drugs at levels up to 100 ppb: Amoxicillin, Ampicillin, Ceftiofur, Cephapirin, Cloxacillin, Penicillin G, Sulfadiazine, Sulfanilamide, Sulfathiazole, Sulfamethazine, Sulfapyridine, Sulfadimethoxine, Gentamicin, Neomycin, Streptomycin, Ivermectin, Erythromycin, Pirimycin, Tilmicosin, Novobiocin, Fusosamide, Trichlormethazine, Thiabendazole, Chlorthiazide, Oxytocin, Phenylbutazone, Dexamethasone, Dipyrone, Flunixin, Enrofloxacin, PABA, Fluorfenicol, Minocycline.

### Selectivity

Sixty negative control milk samples were evaluated in an independent laboratory and none of these negative control samples tested positive with SNAP.

### Additional Test Information

Samples of this test kit model were independently evaluated by Antel Biosystems and were found to perform to the producer's specifications as stated in the test kit's descriptive insert.

### Sample Information

- Raw, commingled cow milk must be used.
- Samples must be refrigerated and testing must be completed within 72 hours of sampling.
- Thoroughly mix the sample before testing.
- For NCIMS purposes, milk samples cannot be frozen at any time. The testing of milk samples must be completed within 72 hours of sampling. Completed includes the time from initial test, any necessary retesting of the initial positive, confirmation and/or producer traceback testing.

### Checksets, Positive and Negative Controls in the United States for NCIMS Testing

Positive and negative controls must be run daily prior to testing samples, and with each new lot to verify the performance of the reagents and equipment. Read positive and negative checkset devices. Both devices must read within the limits on the checkset devices.

NOTE: Use the checkset with the black skirt for the SNAPshot Reader. Use the checkset with the blue skirt for the SNAPshot DSR Reader.

#### Negative Control (must be run daily):

Use tetracycline-negative raw milk; milk used for negative control purposes should read less than 0.95 on the IDEXX SNAPshot Reader. Negative control milk can be stored frozen for later use by aliquot and freezing at -15°C (5°F) or colder in a nonfrost-free freezer or in styrofoam container in a frost-free freezer. It must be used within 60 days. Thaw frozen milk at 0–4.5°C. Once thawed, mix thoroughly and do not use the aliquot if noticeable protein precipitation is present after thawing. Thawed negative control milk must be held at 0–4.5°C and can be used for 24 hours. Do not use beyond 24 hours. Milk controls may not be refrozen.

#### Positive Control (must be run daily):

Use the IDEXX SNAP ST Positive Control, part #98-27430-01, as directed in the descriptive insert that accompanies the product. The positive control should read greater than 1.2 on the IDEXX SNAPshot Reader. Do not dilute the positive control during confirmation testing. NOTE: If these conditions are not met, rerun the controls. If still not acceptable, contact IDEXX Technical Services.

### Technical assistance • [idexx.com/dairy](http://idexx.com/dairy)

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# IDEXX SNAP\* Tetracycline Test

The SNAP\* Tetracycline Test is validated to detect residues in raw, commingled cow milk. Contains biological components; in vitro use only.

La prueba SNAP\* Tetraciclina está validada para detectar residuos en leche vacuna cruda y mezclada. Contiene componentes biológicos; solo para uso in vitro.

Teste SNAP\* Tetraciclina é validado para detectar resíduos em leite de vaca cru, misturado. Contém componentes biológicos; somente para uso in vitro.

Le test SNAP\* Tetracycline est validé pour la détection de résidus dans le lait de vache cru et mélangé. Ils contiennent certains composants biologiques; utilisation in vitro uniquement.

Test SNAP\* Tetracycline został sprawdzony pod kątem wykrywania antybiotyków w surowym mleku krowim i jego mieszkankach. Zawiera składniki biologiczne; tylko do zastosowania in vitro.

Der SNAP\* Tetracycline-Test ist für den Nachweis von Rückständen in roher oder gemischter Kuhmilch validiert. Enthält biologische Komponenten; nur für den In-vitro-Gebrauch.

Il test SNAP\* Tetracycline è validati per rilevare residui nel latte vaccino crudo e mescolato. Contiene componenti biologici; solo per uso in vitro.

SNAP\* 四环素检测试剂盒经验证用于检测混合生乳中的残留物。含有生物成分；仅供外用。

SNAP\* Tetracycline 検査は牛の乳の生乳(混合乳)に含まれる残留抗生物質を検出できることが確認されています。生物学的成分を含んでいますので、取扱説明書に従って使用して下さい。

### Long-term storage

Almacenamiento a largo plazo  
Armazenamento em longo prazo  
Stockage de longue durée  
Długoterminowe przechowywanie

Langzeitlagerung  
Conservazione a lungo termine  
长期儲存  
保管温度



### Ensure sample and heater block are at correct temperature before use.

Asegúrese de que la muestra y el equipo calentador estén a la temperatura correcta antes de usarlos.

Certifique-se de que a amostra e o bloco de aquecimento estão na temperatura correta antes de usar.

Assurez-vous que l'échantillon et le bloc chauffant sont à la bonne température avant de les utiliser.

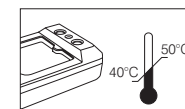
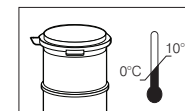
Przed użyciem upewnij się, że próbka i blok grzejny mają odpowiednią temperaturę.

Vor der Verwendung muss bestätigt werden, dass Probe und Heizblock die richtige Temperatur haben.

Assicurarsi che il campione e l'unità riscaldante siano alla temperatura corretta prima dell'utilizzo.

使用前确保样品和加热器温度适当。

使用前に、サンプルとヒート ブロックが設定温度にあることを確認してください。

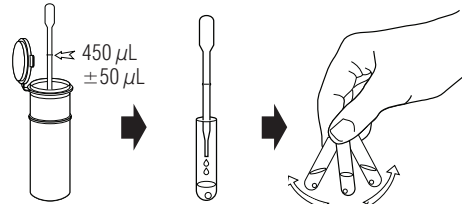


# Procedure\* • Procedimiento • Procedimento • Procédure • Procedura • Verfahren • Procedura • 步驟 • 手順

\*For NCIMS Appendix N Pilot Program please refer to the back page.

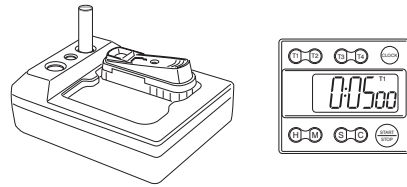
## 1 Transfer milk and swirl.

Transfiera la leche y agite.  
Transfira o leite e agite.  
Transférez le lait et mélangez.  
Przelej mleko i wymieszaj fiolkę.  
Milch transferieren und schwenken.  
Trasferire il latte e miscelare con un movimento circolare.  
倒入奶样并摇晃。  
生乳を移し、攪拌させます。



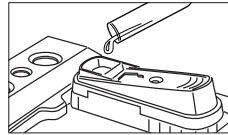
## 2 Incubate sample and SNAP test for 5 minutes

Incube la muestra y la prueba SNAP durante 5 minutos.  
Incube a amostra e o teste SNAP por 5 minutos.  
Laissez incuber l'échantillon et le test SNAP pendant 5 minutes.  
Poddawaj inkubacji próbkę i test SNAP przez 5 minut.  
Die Probe und den SNAP-Test 5 Minuten inkubieren.  
Incubare il campione e il test SNAP per 5 minuti.  
将样品和试剂盒放在加热器上孵育5分钟。  
サンプルと SNAP 検査品を 5 分間インキュベートします。



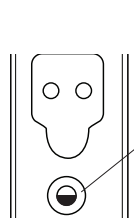
## 3 Pour, watch, then snap

Viértala, obsérvela y luego presione hasta que escuche el sonido SNAP.  
Despeje, observe e, então, faça o snap.  
Versez, observez, puis actionnez le SNAP.  
Przelej, obserwuj, a następnie docisnij.  
Abgießen, beobachten und dann herunterdrücken (Snap).  
Versare, osservare e premere finché si sente il suono di uno scatto ("snap" in inglese).  
倒入样品, 观察然后摁下。  
アクティベート サークル



### Snap when sample reaches activation circle.

Presione hasta que escuche el sonido SNAP cuando la muestra alcance el círculo de activación.  
Faça o snap quando a amostra alcançar o círculo de ativação.  
Actionnez le SNAP lorsque l'échantillon atteint le cercle d'activation.  
Docisnij, gdy płyn dotrze do kółka aktywacji.  
Herunterdrücken, wenn die Milch den Aktivierungskreis erreicht.  
Eseguire quest'operazione (snap) quando il campione raggiunge il cerchio di attivazione.  
样本达到激活环时摁下。  
サンプルがアクティベート サークルに達したら、スナップします。

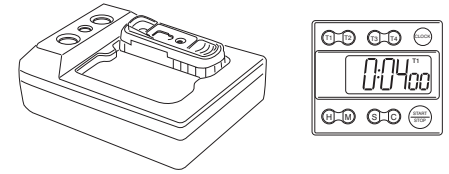


**Activation circle**  
Círculo de activación  
Círculo de ativação  
Cercle d'activation  
Kółko aktywacji  
Aktivierungskreis  
Cerchio di attivazione  
激活环  
アクティベート サークル

● Too early	◐ Snap	○ Too late
Demasiado temprano	Snap	Demasiado tarde
Cedo demais	Snap	Tarde demais
Trop tôt	Actionner	Trop tard
Za wcześnie	Docisnij	Za późno
Zu früh	Herunterdrücken	Zu spät
Troppo presto	Snap	Troppo tardi
太早	摁下	太晚
早過ぎる	スナップ	遅すぎる

## 4 Read results at 4 minutes

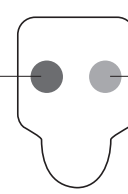
Lea los resultados a los 4 minutos.  
Faça a leitura dos resultados em 4 minutos.  
Lecture des résultats à 4 minutes.  
Odczytaj wyniki po 4 minutach.  
Nach 4 Minuten die Ergebnisse ablesen.  
Leggere i risultati dopo 4 minuti.  
4 分钟时读取结果。  
4 分経過したら、結果を読み取ります。



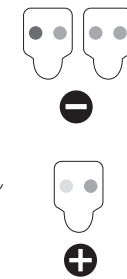
## Results

Resultados • Resultados • Résultats • Wyniki • Ergebnisse • Risultati • 結果 • 結果

Sample  
Muestra  
Amostra  
Échantillon  
Próbka  
Probe  
Campione  
样品点  
サンプル

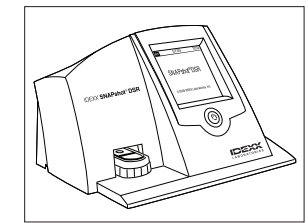


Control  
Control  
Contrôle  
Contrôle  
Kontrola  
Kontrolle  
Controllo  
对照点  
コントロール



OR  
0  
OU  
OU  
LUB  
ODER  
OPPURE  
或  
または

IDEXX SNAPshot\* DSR Reader



**Precautions:** Test milk within 3 days of collection; thoroughly mix milk before testing. Do not use abnormal-looking milk or expired tests; do not mix components from different kits. If the control spot fails to develop color, retest the sample.

**Precauciones:** Realice pruebas en la leche dentro de los 3 días posteriores a su obtención; mézclela bien antes de realizar una prueba. No use leche que tenga apariencia extraña ni pruebas que estén vencidas; no mezcle componentes de kits diferentes. Si el punto de control no desarrolla color, repita la prueba en la muestra.

**Precauções:** Teste o leite dentro de no máximo três dias da coleta; misture bem o leite antes de testar. Não utilize leite de aparência anormal ou adulterado nos testes; não misture componentes de kits diferentes. Se o ponto de controle não desenvolver a cor, teste novamente a amostra.

**Précautions :** testez le lait dans les 3 jours qui suivent sa collecte ; mélangez soigneusement le lait avant de le tester. N'utilisez pas du lait dont l'aspect est anormal ou des tests périmés ; ne mélangez pas les composants de différents kits. Si aucune couleur n'apparaît dans la fenêtre de contrôle, procédez à un nouveau test de l'échantillon.

**Środki ostrożności:** Mleko należy badać w ciągu 3 dni od pobrania; przed badaniem należy dokładnie wymieszać mleko. Nie stosować mleka o nieprawidłowym wyglądzie lub przeterminowanych testów; nie mieszać składników pochodzących z różnych zestawów. Jeżeli plamka kontrolna nie zmienia koloru, należy powtórzyć badanie próbki.

**Vorsichtsmaßnahmen:** Die Milch innerhalb von 3 Tagen nach der Gewinnung testen; die Milch vor dem Testen gründlich mischen. Keine abnormal aussehende Milch oder abgelaufene Tests verwenden; keine Bestandteile aus verschiedenen Kits mischen. Wenn sich der Kontrollpunkt nicht verfärbt, die Probe erneut testen.

**Precautions:** Testare il latte entro 3 giorni dalla raccolta; mescolare bene il latte prima del test. Non utilizzare latte dall'aspetto anomalo o test scaduti; non mescolare componenti di kit diversi. Se la macchia di controllo non sviluppa colorazione, testare nuovamente il campione.

**注意事項:** 样品收集后三天内进行检测; 检测前充分混匀。切记不可使用性状异常的样品或过期的试剂盒进行检测; 不可混用不同试剂盒的组件。如果对照点未显色, 请重新检测样品。

**注意:** 採取から 3 日以内に生乳を検査してください。検査前に生乳をよく混ぜてください。異常が認められる生乳または期限切れの検査キットは使用しないでください。別のキットの成分を混ぜないでください。コントロールスポットが発色しない場合は、サンプルを再検査してください。

### It is recommended that positive samples be further analyzed.

Se recomienda que las muestras positivas se analicen en más profundidad.

É recomendado que amostras com resultado positivo sejam analisadas mais profundamente.

Il est recommandé d'envoyer les échantillons positifs pour analyse complémentaire.

Zaleca się dalszą analizę próbek z wynikiem dodatnim.

Positive Proben sollten weiteren Analysen unterzogen werden.

Si raccomanda di analizzare ulteriormente i campioni che risultassero positivi.

建议进一步分析阳性样本。

陽性サンプルはさらに分析することをお勧めします。