



Food and Drug Administration
10903 New Hampshire Avenue
Document Control Center- W066-G609
Silver Spring, MD 20993-0002

January 28, 2014

bioMérieux, Inc.
C/O Nancy Weaver, Associate Director, Regulatory Affairs
595 Anglum Rd
Hazelwood, MO 63042-2320

Re: K124067- Order Granting the Request for *De Novo* Classification
Vitek®MS
Evaluation of Automatic Class III Designation-*De Novo* Request
Regulation Number: 21 CFR 866.3361
Regulation Name: Mass spectrometer system for clinical use for the
identification of microorganisms
Regulatory Classification: Class II
Product Code: PEX
Dated: December 12, 2012
Received: January 3, 2013

Dear Ms. Weaver:

This letter corrects the letter dated August 21, 2013.

The Center for Devices and Radiological Health (CDRH) of the Food and Drug Administration (FDA) has completed its review of your *de novo* request for classification of the Vitek®MS. The intended use of the Vitek®MS is:

VITEK®MS is a mass spectrometer system using matrix-assisted laser desorption/ ionization - time of flight (MALDI-TOF) for the identification of microorganisms cultured from human specimens.

The VITEK®MS is a qualitative *in vitro* diagnostic device indicated for use in conjunction with other clinical and laboratory findings to aid in the diagnosis of bacterial and yeast infections.

List of claimed organisms:

<p> <i>Abiotrophia defectiva</i> <i>Achromobacter denitrificans</i>¹ <i>Achromobacter xylosoxidans</i>¹ <i>Acinetobacter baumannii</i> complex <i>Acinetobacter haemolyticus</i> <i>Acinetobacter junii</i> <i>Acinetobacter lwoffii</i> <i>Actinomyces meyeri</i> <i>Actinomyces neuii</i> <i>Actinomyces odontolyticus</i> <i>Aerococcus viridans</i> <i>Aeromonas hydrophila/caviae</i>² <i>Aeromonas sobria</i>² <i>Aggregatibacter actinomycetemcomitans</i> <i>Aggregatibacter aphrophilus</i> <i>Aggregatibacter segnis</i> <i>Alcaligenes faecalis ssp faecalis</i> <i>Bacteroides caccae</i> <i>Bacteroides fragilis</i> <i>Bacteroides ovatus</i> <i>Bacteroides thetaiotaomicron</i> <i>Bacteroides uniformis</i> <i>Bacteroides vulgatus</i> <i>Bordetella parapertussis</i> <i>Bordetella pertussis</i> <i>Brevundimonas diminuta</i> <i>Burkholderia multivorans</i> <i>Campylobacter coli</i> <i>Campylobacter jejuni</i> <i>Candida albicans</i> <i>Candida dubliniensis</i> <i>Candida famata</i> <i>Candida glabrata</i> <i>Candida guilliermondii</i> <i>Candida haemulonii</i> <i>Candida inconspicua</i> <i>Candida intermedia</i> <i>Candida kefyr</i> <i>Candida krusei</i> <i>Candida lambica</i> <i>Candida lipolytica</i> <i>Candida lusitaniae</i> <i>Candida norvegensis</i> <i>Candida parapsilosis</i> </p>	<p> <i>Candida pelliculosa</i> <i>Candida rugosa</i> <i>Candida tropicalis</i> <i>Candida utilis</i> <i>Candida zeylanoides</i> <i>Chryseobacterium indologenes</i> <i>Citrobacter amalonaticus</i> <i>Citrobacter braaki</i>³ <i>Citrobacter freundii</i>³ <i>Citrobacter koseri</i> <i>Citrobacter youngae</i>³ <i>Clostridium clostridioforme</i> <i>Clostridium difficile</i> <i>Clostridium perfringens</i> <i>Clostridium ramosum</i> <i>Corynebacterium jeikeium</i> <i>Cronobacter sakazakii</i> <i>Cryptococcus neoformans</i> <i>Edwardsiella hoshinae</i> <i>Edwardsiella tarda</i> <i>Eikenella corrodens</i> <i>Elizabethkingia meningoseptica</i> <i>Enterobacter aerogenes</i> <i>Enterobacter asburiae</i>⁴ <i>Enterobacter cancerogenus</i> <i>Enterobacter cloacae</i>⁴ <i>Enterobacter gergoviae</i> <i>Enterococcus avium</i> <i>Enterococcus casseliflavus</i> <i>Enterococcus durans</i> <i>Enterococcus faecalis</i> <i>Enterococcus faecium</i> <i>Enterococcus gallinarum</i> <i>Escherichia coli</i>⁵ <i>Escherichia fergusonii</i> <i>Escherichia hermannii</i> <i>Ewingella americana</i> <i>Fingoldia magna</i> <i>Fusobacterium necrophorum</i> <i>Fusobacterium nucleatum</i> <i>Gardnerella vaginalis</i> <i>Gemella haemolysans</i> <i>Gemella morbillorum</i> <i>Geotrichum capitatum</i> </p>
--	---

<p> <i>Granulicatella adiacens</i> <i>Haemophilus influenzae</i> <i>Haemophilus parahaemolyticus</i> <i>Haemophilus parainfluenzae</i> <i>Hafnia alvei</i> <i>Kingella denitrificans</i> <i>Kingella kingae</i> <i>Klebsiella oxytoca</i> <i>Klebsiella pneumoniae</i> <i>Kodamaea ohmeri</i> <i>Lactococcus garvieae</i> <i>Lactococcus lactis ssp lactis</i> <i>Leclercia adecarboxylata</i> <i>Legionella pneumophila</i> <i>Leuconostoc mesenteroides</i> <i>Leuconostoc pseudomesenteroides</i> <i>Listeria monocytogenes</i> <i>Malassezia furfur</i> <i>Malassezia pachydermatis</i> <i>Micrococcus luteus/lylae</i> <i>Mobiluncus curtisii</i> <i>Moraxella (Branhamella) catarrhalis</i> <i>Morganella morganii</i> <i>Neisseria cinerea</i> <i>Neisseria gonorrhoeae</i>⁶ <i>Neisseria meningitidis</i> <i>Neisseria mucosa</i> <i>Ochrobactrum anthropi</i> <i>Oligella ureolytica</i> <i>Oligella urethralis</i> <i>Pantoea agglomerans</i> <i>Parvimonas micra</i> <i>Pasteurella multocida</i> <i>Pediococcus acidilactici</i> <i>Peptoniphilus asaccharolyticus</i> <i>Peptostreptococcus anaerobius</i> <i>Prevotella bivia</i> <i>Prevotella buccae</i> <i>Prevotella denticola</i> <i>Prevotella intermedia</i> <i>Prevotella melaninogenica</i> <i>Propionibacterium acnes</i> </p>	<p> <i>Proteus mirabilis</i> <i>Proteus penneri</i>⁷ <i>Proteus vulgaris</i>⁷ <i>Providencia rettgeri</i> <i>Providencia stuartii</i> <i>Pseudomonas aeruginosa</i> <i>Pseudomonas fluorescens</i> <i>Pseudomonas putida</i> <i>Pseudomonas stutzeri</i> <i>Ralstonia pickettii</i> <i>Raoultella ornithinolytica</i> <i>Raoultella planticola</i> <i>Rhizobium radiobacter</i> <i>Rhodotorula mucilaginosa</i> <i>Rothia mucilaginosa</i> <i>Saccharomyces cerevisiae</i> <i>Salmonella group</i>⁶ <i>Serratia fonticola</i> <i>Serratia liquefaciens</i> <i>Serratia marcescens</i> <i>Serratia odorifera</i> <i>Sphingobacterium multivorum</i> <i>Sphingobacterium spiritivorum</i> <i>Sphingomonas paucimobilis</i> <i>Staphylococcus aureus</i> <i>Staphylococcus capitis</i> <i>Staphylococcus cohnii ssp cohnii</i> <i>Staphylococcus cohnii ssp urealyticus</i> <i>Staphylococcus epidermidis</i> <i>Staphylococcus haemolyticus</i> <i>Staphylococcus hominis ssp hominis</i> <i>Staphylococcus lugdunensis</i> <i>Staphylococcus saprophyticus</i> <i>Staphylococcus schleiferi</i> <i>Staphylococcus sciuri</i> <i>Staphylococcus simulans</i> <i>Staphylococcus warneri</i> <i>Stenotrophomonas maltophilia</i> <i>Streptococcus agalactiae</i> <i>Streptococcus anginosus</i> <i>Streptococcus constellatus</i> <i>Streptococcus dysgalactiae</i> <i>Streptococcus gallolyticus ssp gallolyticus</i> </p>
--	--

<i>Streptococcus infantarius ssp coli</i> <i>Streptococcus infantarius ssp infantarius</i> <i>Streptococcus intermedius</i> <i>Streptococcus mitis/Streptococcus oralis</i> <i>Streptococcus mutans</i> <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> <i>Streptococcus salivarius ssp salivarius</i> <i>Streptococcus sanguinis</i> <i>Trichosporon asahii</i>	<i>Trichosporon inkin</i> <i>Trichosporon mucoides</i> <i>Vibrio cholerae</i> <i>Vibrio parahaemolyticus</i> <i>Vibrio vulnificus</i> <i>Yersinia enterocolitica</i> <i>Yersinia frederiksenii</i> <i>Yersinia intermedia</i> <i>Yersinia kristensenii</i> <i>Yersinia pseudotuberculosis</i>
---	--

1. *Achromobacter denitrificans* and *Achromobacter xylosoxidans* identifications should be considered as a slashline result, *Achromobacter denitrificans/ Achromobacter xylosoxidans*.
2. *Aeromonas hydrophila/caviae* and *Aeromonas sobria* should be considered as an *Aeromonas* species group identification.
3. *Citrobacter freundii*, *Citrobacter braakii* and *Citrobacter youngae* should be considered as *Citrobacter freundii* complex.
4. *Enterobacter cloacae* and *Enterobacter asburiae* identifications should be considered as a slashline result, *Enterobacter cloacae/ Enterobacter asburiae*.
5. *Shigella* species and *E. coli* O157 are identified as *Escherichia coli*. Confirmatory tests are required to differentiate *Escherichia coli* from *Shigella* species or *E. coli* O157.
6. Confirmatory tests recommended for *Neisseria gonorrhoea* and *Salmonella* species.
7. *Proteus penneri* and *Proteus vulgaris* identifications should be considered as a slashline result, *Proteus penneri/ Proteus vulgaris*.

The Vitek®MS is a prescription device under 21 CFR Part 801.109. FDA concludes that this device, and substantially equivalent devices of this generic type, should be classified into class II. This order, therefore, classifies the Vitek®MS into class II under the generic name, “mass spectrometer system for clinical use for the identification of microorganisms.”

FDA identifies this generic type of device as follows: Mass spectrometer system for clinical use for the identification of microorganisms

A mass spectrometer system for clinical use for the identification of microorganisms is a qualitative *in vitro* diagnostic device intended for the identification of microorganisms cultured from human specimens. The device is comprised of an ionization source, a mass analyzer and a spectral database. The device is indicated for use in conjunction with other clinical and laboratory findings to aid in the diagnosis of bacterial and fungal infections.

Section 513(f)(2) of the Federal Food, Drug, and Cosmetic Act (the FD&C Act) was amended by section 607 of the Food and Drug Administration Safety and Innovation Act (FDASIA) on

July 9, 2012. This new law provides two options for *de novo* classification. First, any person who receives a "not substantially equivalent" (NSE) determination in response to a 510(k) for a device that has not been previously classified under the Act may, within 30 days of receiving notice of the NSE determination, request FDA to make a risk-based classification of the device under section 513(a)(1) of the Act. Alternatively, any person who determines that there is no legally marketed device upon which to base a determination of substantial equivalence may request FDA to make a risk-based classification of the device under section 513(a)(1) of the Act without first submitting a 510(k). FDA shall, within 120 days of receiving such a request, classify the device. This classification shall be the initial classification of the device. Within 30 days after the issuance of an order classifying the device, FDA must publish a notice in the **Federal Register** classifying the device type.

On January 3, 2013, FDA filed your *de novo* request for classification of the Vitek®MS into class II. The petition was submitted under section 513(f)(2) of the FD&C Act. In order to classify the Vitek®MS into class I or II, it is necessary that the proposed class have sufficient regulatory controls to provide reasonable assurance of the safety and effectiveness of the device for its intended use.

After review of the information submitted in the *de novo* request, FDA has determined that the Vitek®MS intended for use as follows:

VITEK®MS is a mass spectrometer system using matrix-assisted laser desorption/ ionization - time of flight (MALDI-TOF) for the identification of microorganisms cultured from human specimens.

The VITEK®MS is a qualitative *in vitro* diagnostic device indicated for use in conjunction with other clinical and laboratory findings to aid in the diagnosis of bacterial and yeast infections.

List of claimed organisms

<i>Abiotrophia defectiva</i>	<i>Aggregatibacter actinomycetemcomitans</i>
<i>Achromobacter denitrificans</i> ¹	<i>Aggregatibacter aphrophilus</i>
<i>Achromobacter xylosoxidans</i> ¹	<i>Aggregatibacter segnis</i>
<i>Acinetobacter baumannii</i> complex	<i>Alcaligenes faecalis</i> ssp <i>faecalis</i>
<i>Acinetobacter haemolyticus</i>	<i>Bacteroides caccae</i>
<i>Acinetobacter junii</i>	<i>Bacteroides fragilis</i>
<i>Acinetobacter lwoffii</i>	<i>Bacteroides ovatus</i>
<i>Actinomyces meyeri</i>	<i>Bacteroides thetaiotaomicron</i>
<i>Actinomyces neuii</i>	<i>Bacteroides uniformis</i>
<i>Actinomyces odontolyticus</i>	<i>Bacteroides vulgatus</i>
<i>Aerococcus viridans</i>	<i>Bordetella parapertussis</i>
<i>Aeromonas hydrophila/caviae</i> ²	<i>Bordetella pertussis</i>
<i>Aeromonas sobria</i> ²	<i>Brevundimonas diminuta</i>

<i>Burkholderia multivorans</i>	<i>Campylobacter coli</i>
<i>Campylobacter jejuni</i>	<i>Enterococcus faecalis</i>
<i>Candida albicans</i>	<i>Enterococcus faecium</i>
<i>Candida dubliniensis</i>	<i>Enterococcus gallinarum</i>
<i>Candida famata</i>	<i>Escherichia coli</i> ⁵
<i>Candida glabrata</i>	<i>Escherichia fergusonii</i>
<i>Candida guilliermondii</i>	<i>Escherichia hermannii</i>
<i>Candida haemulonii</i>	<i>Ewingella americana</i>
<i>Candida inconspicua</i>	<i>Fingoldia magna</i>
<i>Candida intermedia</i>	<i>Fusobacterium necrophorum</i>
<i>Candida kefyr</i>	<i>Fusobacterium nucleatum</i>
<i>Candida krusei</i>	<i>Gardnerella vaginalis</i>
<i>Candida lambica</i>	<i>Gemella haemolysans</i>
<i>Candida lipolytica</i>	<i>Gemella morbillorum</i>
<i>Candida lusitaniae</i>	<i>Geotrichum capitatum</i>
<i>Candida norvegensis</i>	<i>Granulicatella adiacens</i>
<i>Candida parapsilosis</i>	<i>Haemophilus influenzae</i>
<i>Candida pelliculosa</i>	<i>Haemophilus parahaemolyticus</i>
<i>Candida rugosa</i>	<i>Haemophilus parainfluenzae</i>
<i>Candida tropicalis</i>	<i>Hafnia alvei</i>
<i>Candida utilis</i>	<i>Kingella denitrificans</i>
<i>Candida zeylanoides</i>	<i>Kingella kingae</i>
<i>Chryseobacterium indologenes</i>	<i>Klebsiella oxytoca</i>
<i>Citrobacter amalonaticus</i>	<i>Klebsiella pneumoniae</i>
<i>Citrobacter braaki</i> ³	<i>Kodamaea ohmeri</i>
<i>Citrobacter freundii</i> ³	<i>Lactococcus garvieae</i>
<i>Citrobacter koseri</i>	<i>Lactococcus lactis ssp lactis</i>
<i>Citrobacter youngae</i> ³	<i>Leclercia adecarboxylata</i>
<i>Clostridium clostridioforme</i>	<i>Legionella pneumophila</i>
<i>Clostridium difficile</i>	<i>Leuconostoc mesenteroides</i>
<i>Clostridium perfringens</i>	<i>Leuconostoc pseudomesenteroides</i>
<i>Clostridium ramosum</i>	<i>Listeria monocytogenes</i>
<i>Corynebacterium jeikeium</i>	<i>Malassezia furfur</i>
<i>Cronobacter sakazakii</i>	<i>Malassezia pachydermatis</i>
<i>Cryptococcus neoformans</i>	<i>Micrococcus luteus/lylae</i>
<i>Edwardsiella hoshinae</i>	<i>Mobiluncus curtisii</i>
<i>Edwardsiella tarda</i>	<i>Moraxella (Branhamella) catarrhalis</i>
<i>Eikenella corrodens</i>	<i>Morganella morganii</i>
<i>Elizabethkingia meningoseptica</i>	<i>Neisseria cinerea</i>
<i>Enterobacter aerogenes</i>	<i>Neisseria gonorrhoeae</i> ⁶
<i>Enterobacter asburiae</i> ⁴	<i>Neisseria meningitidis</i>
<i>Enterobacter cancerogenus</i>	<i>Neisseria mucosa</i>
<i>Enterobacter cloacae</i> ⁴	<i>Ochrobactrum anthropi</i>
<i>Enterobacter gergoviae</i>	<i>Oligella ureolytica</i>
<i>Enterococcus avium</i>	<i>Oligella urethralis</i>
<i>Enterococcus casseliflavus</i>	<i>Pantoea agglomerans</i>
<i>Enterococcus durans</i>	<i>Parvimonas micra</i>

<p><i>Pasteurella multocida</i> <i>Pediococcus acidilactici</i> <i>Peptoniphilus asaccharolyticus</i> <i>Peptostreptococcus anaerobius</i> <i>Prevotella bivia</i> <i>Prevotella buccae</i> <i>Prevotella denticola</i> <i>Prevotella intermedia</i> <i>Prevotella melaninogenica</i> <i>Propionibacterium acnes</i> <i>Proteus mirabilis</i> <i>Proteus penneri</i>⁷ <i>Proteus vulgaris</i>⁷ <i>Providencia rettgeri</i> <i>Providencia stuartii</i> <i>Pseudomonas aeruginosa</i> <i>Pseudomonas fluorescens</i> <i>Pseudomonas putida</i> <i>Pseudomonas stutzeri</i> <i>Ralstonia pickettii</i> <i>Raoultella ornithinolytica</i> <i>Raoultella planticola</i> <i>Rhizobium radiobacter</i> <i>Rhodotorula mucilaginosa</i> <i>Rothia mucilaginosa</i> <i>Saccharomyces cerevisiae</i> <i>Salmonella group</i>⁶ <i>Serratia fonticola</i> <i>Serratia liquefaciens</i> <i>Serratia marcescens</i> <i>Serratia odorifera</i> <i>Sphingobacterium multivorum</i> <i>Sphingobacterium spiritivorum</i> <i>Sphingomonas paucimobilis</i> <i>Staphylococcus aureus</i> <i>Staphylococcus capitis</i> <i>Staphylococcus cohnii ssp cohnii</i></p>	<p><i>Staphylococcus cohnii ssp urealyticus</i> <i>Staphylococcus epidermidis</i> <i>Staphylococcus haemolyticus</i> <i>Staphylococcus hominis ssp hominis</i> <i>Staphylococcus lugdunensis</i> <i>Staphylococcus saprophyticus</i> <i>Staphylococcus schleiferi</i> <i>Staphylococcus sciuri</i> <i>Staphylococcus simulans</i> <i>Staphylococcus warneri</i> <i>Stenotrophomonas maltophilia</i> <i>Streptococcus agalactiae</i> <i>Streptococcus anginosus</i> <i>Streptococcus constellatus</i> <i>Streptococcus dysgalactiae</i> <i>Streptococcus gallolyticus ssp gallolyticus</i> <i>Streptococcus infantarius ssp coli</i> <i>Streptococcus infantarius ssp infantarius</i> <i>Streptococcus intermedius</i> <i>Streptococcus mitis/Streptococcus oralis</i> <i>Streptococcus mutans</i> <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> <i>Streptococcus salivarius ssp salivarius</i> <i>Streptococcus sanguinis</i> <i>Trichosporon asahii</i> <i>Trichosporon inkin</i> <i>Trichosporon mucoides</i> <i>Vibrio cholerae</i> <i>Vibrio parahaemolyticus</i> <i>Vibrio vulnificus</i> <i>Yersinia enterocolitica</i> <i>Yersinia frederiksenii</i> <i>Yersinia intermedia</i> <i>Yersinia kristensenii</i> <i>Yersinia pseudotuberculosis</i></p>
---	---

1. *Achromobacter denitrificans* and *Achromobacter xylosoxidans* identifications should be considered as a slashline result, *Achromobacter denitrificans/Achromobacter xylosoxidans*.

2. *Aeromonas hydrophila/caviae* and *Aeromonas sobria* should be considered as an *Aeromonas* species group identification.

3. *Citrobacter freundii*, *Citrobacter braakii* and *Citrobacter youngae* should be considered as *Citrobacter freundii* complex.
4. *Enterobacter cloacae* and *Enterobacter asburiae* identifications should be considered as a slashline result, *Enterobacter cloacae/ Enterobacter asburiae*.
5. *Shigella* species and *E. coli* O157 are identified as *Escherichia coli*. Confirmatory tests are required to differentiate *Escherichia coli* from *Shigella* species or *E. coli* O157.
6. Confirmatory tests recommended for *Neisseria gonorrhoea* and *Salmonella* species.
7. *Proteus penneri* and *Proteus vulgaris* identifications should be considered as a slashline result, *Proteus penneri/ Proteus vulgaris*.

can be classified in class II with the establishment of special controls for this type of device. FDA believes that the class II special controls identified later in this order, along with the applicable general controls, provide reasonable assurance of the safety and effectiveness of the device type.

Table- Potential1 Risks and Required Mitigations

Identified Potential Risk	Required Mitigation Measures
Incorrect identification of a pathogenic microorganism can lead to improper patient management.	<ol style="list-style-type: none"> 1) Premarket notification submissions must include detailed documentation for device software, including, but not limited to, standalone software applications and hardware-based devices that incorporate software. 2) Premarket notification submissions must include database implementation methodology, construction parameters and quality assurance protocols.
Failure to correctly interpret test results	<ol style="list-style-type: none"> 1) A detailed explanation of the interpretation of results and acceptance criteria must be included in the device's 21 CFR 809.10(b)(9) compliant labeling.

Failure to correctly operate the instrument	<ol style="list-style-type: none">1) As part of the risk management activities performed as part of your 21 CFR 820.30 design controls, you must document an appropriate end user device training program that will be offered as part of your efforts to mitigate the risk of failure to correctly operate the instrument.2) Premarket notification submissions must include details on the appropriate end user device training program that will be offered while marketing the device.
---	---

In addition to the general controls of the FD&C Act, a mass spectrometer system for clinical use for the identification of microorganisms is subject to the following special controls:

- 1) Premarket notification submissions must include detailed documentation for device software, including, but not limited to, standalone software applications and hardware-based devices that incorporate software.
- 2) Premarket notification submissions must include database implementation methodology, construction parameters and quality assurance protocols.
- 3) A detailed explanation of the interpretation of results and acceptance criteria must be included in the device's 21 CFR 809.10(b)(9) compliant labeling.
- 4) As part of the risk management activities performed as part of your 21 CFR 820.30 design controls, you must document an appropriate end user device training program that will be offered as part of your efforts to mitigate the risk of failure to correctly operate the instrument.
- 5) Premarket notification submissions must include details on the appropriate end user device training program that will be offered while marketing the device.

Section 510(m) of the FD&C Act provides that FDA may exempt a class II device from the premarket notification requirements under section 510(k) of the FD&C Act, if FDA determines that premarket notification is not necessary to provide reasonable assurance of the safety and effectiveness of the device type. FDA has determined premarket notification is necessary to provide reasonable assurance of the safety and effectiveness of the device type and, therefore, the device is not exempt from the premarket notification requirements of the FD&C Act. Thus, persons who intend to market this device type must submit a premarket notification containing information on the mass spectrometer system for clinical use for the identification of microorganisms they intend to market and receive clearance to market from FDA prior to marketing the device.

Page 10 - Nancy Weaver

A notice announcing this classification order will be published in the **Federal Register**. A copy of this order and supporting documentation are on file in the Dockets Management Branch (HFA-305), Food and Drug Administration, 5630 Fishers Lane, Room 1061, Rockville, MD 20852 and are available for inspection between 9 a.m. and 4 p.m., Monday through Friday.

As a result of this order, you may market your device subject to the general control provisions of the FD&C Act and the special controls identified in this order.

If you have any questions concerning this classification order, please contact Yvonne Shea at 301-796-0576.

Sincerely yours,

Uwe Scherf -S^{for}

Sally Hojvat, M.Sc., Ph.D.
Director
Division of Microbiology Devices
Office of *In Vitro* Diagnostics and
Radiological Health
Center for Devices and
Radiological Health