ANNEX I

SUMMARY OF PRODUCT CHARACTERISTICS

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Purevax RCPCh FeLV lyophilisate and solvent for suspension for injection

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Per dose of 1 ml:

Lyophilisate:
Active substances:
Attenuated feline rhinotracheitis herpesvirus (FHV F2 strain) ..... $\geq 10^{4.9}$ $CCID_{50}$[1]
Inactivated feline calicivirus (FCV 431 and G1 strains) antigens..... ≥ 2.0 ELISA U.
Attenuated *Chlamydophila felis* (905 strain) ..... $\geq 10^{3.0}$ EID_{50}[2]
Attenuated feline panleucopenia virus (PLI IV) ..... $\geq 10^{3.5}$ $CCID_{50}$[1]
Excipient:
Gentamicin, at most..... 34 µg

Solvent:
Active substance:
FeLV recombinant canarypox virus (vCP97) ..... $\geq 10^{7.2}$ $CCID_{50}$[1]

[1] cell culture infective dose 50%
[2] egg infective dose 50%

For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

Lyophilisate and solvent for suspension for injection.

4. CLINICAL PARTICULARS

4.1 Target species

Cats.

4.2 Indications for use, specifying the target species

Active immunisation of cats aged 8 weeks and older:
- against feline viral rhinotracheitis to reduce clinical signs,
- against calicivirus infection to reduce clinical signs,
- against *Chlamydophila felis* infection to reduce clinical signs,
- against feline panleucopenia to prevent mortality and clinical signs,
- against leukaemia to prevent persistent viraemia and clinical signs of the related disease.

Onsets of immunity have been demonstrated 1 week after primary vaccination course for rhinotracheitis, calicivirus, *Chlamydophila felis* and panleucopenia components, and 2 weeks after primary vaccination course for feline leukaemia component.

The duration of immunity after the last re-vaccination is 3 years for the rhinotracheitis, calicivirosis and panleucopenia components, and 1 year for the *Chlamydophila felis* and feline leukaemia components.

4.3 Contraindications

Do not use in pregnant animals.
The use is not recommended during lactation.

4.4 Special warnings

None.

4.5 Special precautions for use

Special precautions for use in animals

Use in healthy animals only.
It is recommended that a test for FeLV antigenaemia be carried out prior to vaccination.
Vaccination of FeLV positive cats is of no benefit.

Special precautions to be taken by the person administering the veterinary medicinal product to animals

In case of accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.
This vaccine should not be handled by persons who are immunodeficient or taking immunosuppressive medicinal products. If self-injection occurs, immediate medical advice should be sought and the doctor informed that self-injection with a living chlamydial vaccine has occurred.

4.6 Adverse reactions (frequency and seriousness)

In normal conditions of use, transient apathy and anorexia may occasionally occur, as well as hyperthermia (lasting usually for 1or 2 days). A local reaction may occur (slight pain at palpation, itching or limited oedema) that disappears within 1 or 2 weeks at most.
In exceptional circumstances a hypersensitivity reaction may occur, which may require appropriate symptomatic treatment.

In very rare cases, hyperthermia and lethargy sometimes associated with lameness has been observed one to three weeks following booster vaccination in adult cats. The reaction was transient.

The frequency of adverse reactions is defined using the following convention:
- very common (more than 1 in 10 animals displaying adverse reaction(s) during the course of one treatment)
- common (more than 1 but less than 10 animals in 100 animals)
- uncommon (more than 1 but less than 10 animals in 1,000 animals)
- rare (more than 1 but less than 10 animals in 10,000 animals)
- very rare (less than 1 animal in 10,000 animals, including isolated reports).

4.7 Use during pregnancy, lactation or lay

Do not use in pregnant animals.
The use is not recommended during lactation.

4.8 Interaction with other medicinal products and other forms of interaction

Safety and efficacy data are available which demonstrate that this vaccine can be administered the same day but not mixed with Merial adjuvanted vaccine against rabies.

4.9 Amounts to be administered and administration route

Inject by subcutaneous route one dose (1 ml) of vaccine after reconstitution of the lyophilisate with the solvent, according to the following vaccination scheme:

Primary vaccination course:
- first injection: from 8 weeks of age,
- second injection: 3 to 4 weeks later.

Where high levels of maternal antibodies against rhinotracheitis, calicivirosis, panleucopenia or *Chlamydophila* components are expected to be present (e.g. in kittens of 9–12 weeks of age born from queens, which were vaccinated before pregnancy and/or with known or suspected previous exposure to the pathogen(s)), the primary vaccination course should be delayed until 12 weeks of age.

Revaccination:
- the first revaccination must be carried out for all components one year after the primary vaccination course,
- subsequent revaccinations must be carried out: every year for the chlamydiosis and feline leukaemia components and at intervals of up to three years for the rhinotracheitis, calicivirosis and panleucopenia components.

4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary

No effect other than those already mentioned in section 4.6 “Adverse reactions” have been observed, except hyperthermia that may exceptionally last 5 days.

4.11 Withdrawal period(s)

Not applicable.

5. IMMUNOLOGICAL PROPERTIES

ATCvet code: QI06AJ05.

Vaccine against feline viral rhinotracheitis, feline calicivirosis, chlamydiosis, feline panleucopenia and feline leukaemia.
Stimulates active immunity against feline rhinotracheitis herpesvirus, feline calicivirus, *Chlamydophila felis*, feline panleucopenia virus and feline leukaemia virus.
The product was shown to reduce excretion of feline calicivirus at onset of immunity and for one year after vaccination.
The feline leukaemia vaccine strain is a recombinant canarypox virus expressing the *env* and *gag* genes of FeLV-A. Under field conditions, only sub-group A is infective and immunisation against sub-group A provides full protection against A, B and C. After inoculation, the virus expresses the protective proteins, but does not replicate in the cat. As a consequence, the vaccine induces an immune status against feline leukaemia virus.

6. PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Sucrose
Sorbitol
Dextran 40
Casein hydrolysate
Collagen hydrolysate

Dipotassium phosphate
Potassium dihydrogen phosphate
Potassium hydroxide
Sodium chloride
Disodium hydrogen orthophosphate
Monopotassium phosphate anhydrous
Potassium chloride
Disodium phosphate dihydrate
Magnesium chloride hexahydrate
Calcium chloride dihydrate

6.2 Incompatibilities

Do not mix with any other veterinary medicinal product, except the solvent supplied for use with the product.

6.3 Shelf life

Shelf life of the veterinary medicinal product as packaged for sale: 18 months.
Shelf life after reconstitution according to directions: use immediately.

6.4 Special precautions for storage

Store and transport refrigerated (2 °C – 8 °C).
Protect from light.
Do not freeze.

6.5 Nature and composition of immediate packaging

Type I glass bottle containing 1 dose of lyophilisate and type I glass bottle containing 1 ml of solvent, both closed with a butyl elastomer closure and sealed with an aluminium cap.

Pack containing 10 bottles of 1 dose of lyophilisate and 10 bottles of 1 ml of solvent.
Pack containing 50 bottles of 1 dose of lyophilisate and 50 bottles of 1 ml of solvent.

Not all pack sizes may be marketed.

6.6 Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

7. MARKETING AUTHORISATION HOLDER

MERIAL
29, avenue Tony Garnier
69007 LYON
FRANCE

8. MARKETING AUTHORISATION NUMBER(S)

EU/2/04/047/001-002

9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

Date of first authorisation: 23/02/2005
Date of last renewal: 15/01/2010

10. DATE OF REVISION OF THE TEXT

Detailed information on this veterinary medicinal product is available on the website of the European Medicines Agency (http://www.ema.europa.eu/).

PROHIBITION OF SALE, SUPPLY AND/OR USE

Not applicable.

ANNEX II

A. MANUFACTURERS OF THE BIOLOGICAL ACTIVE SUBSTANCES AND MANUFACTURER RESPONSIBLE FOR BATCH RELEASE

B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE

C. STATEMENT OF THE MRLs

A. MANUFACTURERS OF THE BIOLOGICAL ACTIVE SUBSTANCES AND MANUFACTURER RESPONSIBLE FOR BATCH RELEASE

Name and address of the manufacturers of the biological active substances

Merial
Laboratory of Lyon Porte des Alpes
Rue de l'aviation
69800 SAINT-PRIEST
FRANCE

Merial
Laboratory of Lyon Gerland
254, Avenue Marcel Mérieux
69007 LYON
FRANCE

Name and address of the manufacturer responsible for batch release

Merial
Laboratory of Lyon Porte des Alpes
Rue de l'aviation
69800 SAINT-PRIEST
FRANCE

B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE

Veterinary medicinal product subject to prescription.

C. STATEMENT OF THE MRLs

Not applicable**.**

ANNEX III

LABELLING AND PACKAGE LEAFLET

A. LABELLING

PARTICULARS TO APPEAR ON THE OUTER PACKAGE

Pack of 10 bottles of lyophilisate and 10 bottles of solvent
Pack of 50 bottles of lyophilisate and 50 bottles of solvent

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Purevax RCPCh FeLV lyophilisate and solvent for suspension for injection.

2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES

Per dose of 1 ml:
FHV (F2 strain) ..... $\geq 10^{4.9}$ $CCID_{50}$
FCV (431 and G1 strains) ..... ≥ 2.0 ELISA U.
Chlamydophila felis (905 strain) ..... $\geq 10^{3.0}$ EID_{50}
FPV (PLI IV) ..... $\geq 10^{3.5}$ $CCID_{50}$
FeLV recombinant canarypox virus (vCP97) ..... $\geq 10^{7.2}$ $CCID_{50}$.

3. PHARMACEUTICAL FORM

Lyophilisate and solvent for suspension for injection.

4. PACKAGE SIZE

Lyophilisate (10x1 dose) + solvent (10x1 ml)
Lyophilisate (50x1 dose) + solvent (50x1 ml)

5. TARGET SPECIES

Cats

6. INDICATION(S)

Read the package leaflet before use.

7. METHOD AND ROUTE(S) OF ADMINISTRATION

Subcutaneous use.

8. WITHDRAWAL PERIOD

Not applicable.

9. SPECIAL WARNING(S), IF NECESSARY

Read the package leaflet before use.

10. EXPIRY DATE

EXP (mm/yyyy)
Once reconstituted use immediately.

11. SPECIAL STORAGE CONDITIONS

Store and transport refrigerated.
Protect from light.
Do not freeze.

12. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY

Disposal: read package leaflet.

13. THE WORDS "FOR ANIMAL TREATMENT ONLY" AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, if applicable

For animal treatment only. To be supplied only on veterinary prescription.

14. THE WORDS "KEEP OUT OF THE SIGHT AND REACH OF CHILDREN"

Keep out of the sight and reach of children.

15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

MERIAL
29, avenue Tony Garnier
69007 LYON
FRANCE

16. MARKETING AUTHORISATION NUMBER(S)

EU/2/04/047/001 lyophilisate (10 bottles of 1 dose) + solvent (10 bottles of 1 ml)
EU/2/04/047/002 lyophilisate (50 bottles of 1 dose) + solvent (50 bottles of 1 ml)

17. MANUFACTURER'S BATCH NUMBER

Lot

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

Lyophilisate bottle

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Purevax RCPCh FeLV

2. QUANTITY OF THE ACTIVE SUBSTANCE(S)

3. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES

1 dose

4. ROUTE(S) OF ADMINISTRATION

SC.

5. WITHDRAWAL PERIOD

6. BATCH NUMBER

Lot

7. EXPIRY DATE

EXP (mm/yyyy)

8. THE WORDS "FOR ANIMAL TREATMENT ONLY"

For animal treatment only.

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

Solvent bottle

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Purevax RCPCh FeLV solvent

2. QUANTITY OF THE ACTIVE SUBSTANCE(S)

3. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES

1 dose

4. ROUTE(S) OF ADMINISTRATION

SC.

5. WITHDRAWAL PERIOD

6. BATCH NUMBER

Lot

7. EXPIRY DATE

EXP (mm/yyyy)

8. THE WORDS "FOR ANIMAL TREATMENT ONLY"

B. PACKAGE LEAFLET

PACKAGE LEAFLET FOR:

Purevax RCPCh FeLV lyophilisate and solvent for suspension for injection

1. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE FOR BATCH RELEASE, IF DIFFERENT

Marketing authorisation holder:
MERIAL
29, avenue Tony Garnier
69007 Lyon
FRANCE

Manufacturer responsible for the batch release:
MERIAL
Laboratoire Porte des Alpes
Rue de l'Aviation
69800 Saint Priest
FRANCE

2. NAME OF THE VETERINARY MEDICINAL PRODUCT

Purevax RCPCh FeLV lyophilisate and solvent for suspension for injection

3. STATEMENT OF THE ACTIVE SUBSTANCE(S) AND OTHER INGREDIENT(S)

Per dose of 1 ml:

Lyophilisate:
Attenuated feline rhinotracheitis herpesvirus (FHV F2 strain) ..... $\geq 10^{4.9}$ $CCID_{50}$[1]
Inactivated feline calicivirus (FCV 431 and FCV G1 strains) antigens..... ≥ 2.0 ELISA U.
Attenuated *Chlamydophila felis* (905 strain) ..... $\geq 10^{3.0}$ EID_{50}[2]
Attenuated feline panleucopenia virus (PLI IV) ..... $\geq 10^{3.5}$ $CCID_{50}$[1]
Excipient:
Gentamicin, at most..... 34 µg

Solvent:
FeLV recombinant canarypox virus (vCP97) ..... $\geq 10^{7.2}$ $CCID_{50}$[1]

[1] cell culture infective dose 50%.
[2] egg infective dose 50%.

4. INDICATION(S)

Active immunisation of cats aged 8 weeks and older:
- against feline viral rhinotracheitis to reduce clinical signs,
- against calicivirus infection to reduce clinical signs,
- against C*hlamydophila felis* infection to reduce clinical signs,
- against feline panleucopenia to prevent mortality and clinical signs,
- against leukaemia to prevent persistent viraemia and clinical signs of the related disease.

Onsets of immunity have been demonstrated 1 week after primary vaccination course for rhinotracheitis, calicivirus, *Chlamydophila felis* and panleucopenia components, and 2 weeks after primary vaccination course for feline leukaemia component.

The duration of immunity after the last re-vaccination is 3 years for the rhinotracheitis, calicivirosis and panleucopenia components, and 1 year for the *Chlamydophila felis* and feline leukaemia components.

5. CONTRAINDICATIONS

Do not use in pregnant animals.
The use is not recommended during lactation.

6. ADVERSE REACTIONS

In normal conditions of use, transient apathy and anorexia may occasionally occur, as well as hyperthermia (lasting usually for 1 or 2 days). A local reaction may occur (slight pain at palpation, itching or limited oedema) that disappears within 1 or 2 weeks at most.
In exceptional circumstances a hypersensitivity reaction may occur, which may require appropriate symptomatic treatment.
In very rare* cases, hyperthermia and lethargy sometimes associated with lameness has been observed one to three weeks following booster vaccination in adult cats. The reaction was transient.
* less than 1 animal in 10,000 animals displaying adverse reaction(s) during the course of one treatment, including isolated reports.

If you notice any serious effects or other effects not mentioned in this leaflet, please inform your veterinary surgeon.

7. TARGET SPECIES

Cats.

8. DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION

Inject by subcutaneous route one dose (1 ml) of vaccine after reconstitution of the lyophilisate with the solvent, according to the following vaccination scheme:

Primary vaccination course:
- first injection: from 8 weeks of age,
- second injection: 3 to 4 weeks later.

Where high levels of maternal antibodies against rhinotracheitis, calicivirosis, panleucopenia or *Chlamydophila* components are expected to be present (e.g. in kittens of 9–12 weeks of age born from queens which were vaccinated before pregnancy and/or with known or suspected previous exposure to the pathogen(s)), the primary vaccination course should be delayed until 12 weeks of age.

Revaccination:
- the first revaccination must be carried out for all components one year after the primary vaccination course,
- subsequent revaccinations must be carried out: every year for the chlamydiosis and feline leukaemia components and at intervals of up to three years for the rhinotracheitis, calicivirosis and panleucopenia components.

9. ADVICE ON CORRECT ADMINISTRATION

Use immediately after reconstitution.

10. WITHDRAWAL PERIOD

Not applicable.

11. SPECIAL STORAGE PRECAUTIONS

Keep out of the sight and reach of children.
Store and transport refrigerated (2 °C – 8 °C).
Protect from light.
Do not freeze.

12. SPECIAL WARNING(S)

Special precautions for use in animals:
Use in healthy animals only.
It is recommended that a test for FeLV antigenaemia be carried out prior to vaccination.
Vaccination of FeLV positive cats is of no benefit.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:
In case of accidental self-injection, seek medical advice immediately and show the package insert or the label to the physician.
This vaccine should not be handled by persons who are immunodeficient or taking immunosuppressive medicinal products. If self-injection occurs, immediate medical advice should be sought and the doctor informed that self-injection with a living chlamydial vaccine has occurred.

Pregnancy and lactation:
Do not use in pregnant animals.
The use is not recommended during lactation.

Interaction with other medicinal products and other forms of interaction:
Safety and efficacy data are available which demonstrate that this vaccine can be administered the same day but not mixed with Merial adjuvanted vaccine against rabies.

Overdose (symptoms, emergency procedures, antidotes):
No effect other than those already mentioned in section on “Adverse reactions” have been observed after the administration of several doses, except hyperthermia that may exceptionally last 5 days.

Incompatibilities:
Do not mix with any other veterinary medicinal product, except the solvent supplied for use with the product.

13. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY

Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED

Detailed information on this product is available on the website of the European Medicines Agency (http://www.ema.europa.eu/).

15. OTHER INFORMATION

The feline leukaemia vaccine strain is a recombinant canarypox virus expressing the *env* and *gag* genes of FeLV-A. Under field conditions, only sub-group A is infective and immunisation against sub-group A provides full protection against A, B and C. After inoculation, the virus expresses the protective proteins, but does not replicate in the cat. As a consequence, the vaccine induces an immune status against feline leukaemia virus.
The product was shown to reduce excretion of feline calicivirus at onset of immunity and for one year after vaccination.

Pack containing 10 bottles of 1 dose of lyophilisate and 10 bottles of 1 ml of solvent.
Pack containing 50 bottles of 1 dose of lyophilisate and 50 bottles of 1 ml of solvent.
Not all pack sizes may be marketed.

To be supplied only on veterinary prescription.