



***IMMUNOSPARK VET***

**Assays for the  
veterinary lab**

**2019**

## ImmunoSpark

ImmunoSpark is an ISO9001 and ISO13485 certified provider of high quality diagnostic solutions in the POC, Immunology and Molecular diagnostics field. The partners/customers of ImmunoSpark can access an easy and sustainable “*Diagnostic Information*” as a key for the global health systems to provide a better qualified and on time input to face a critical disease. Prevention of disease and personalized therapy are now being a reality for patients and physicians, provided that an innovative, integrated approach to diagnostics is made available.

## Our Mission

After 20 years of experience in the product design, development, manufacturing and marketing of systems in the Immunology and Molecular Diagnostics fields, the mission of ImmunoSpark is to make integrated diagnostic formats available to our customers and partners.

While this, we keep to develop new products and diagnostic solutions based on the increasing demand for standardized, qualified and automated systems at a sustainable price.

## IMMUNOSPARK VET kits

ImmunoSpark offers a wide range of veterinary diagnostic assays in different technologies:

- We offer the possibility to perform a first level screening using our Immunochromatographic rapid tests (*QuickSpark* VET line). Not requiring any kind of automated unit to read and acquire the analytical response.
- We offer an ELISA solution of tests for the laboratories that want to perform tests on automated machines (*PRISMA* VET line) or, manually, on microplate readers.
- For the more advanced laboratories, we give also the possibility to perform molecular tests (*GeneSpark* VET line) on open platforms.

ImmunoSpark offers a complete list of tests for *VETERINARY LABS* covering the most important panels for the usual detection routine in *PETS*, *LIVESTOCK* and other animals.

# **QUICK**SPARK** VET**

## **rapid test kits**

## PETS – CANINE

| REF    | Assay              | Tests | Description   | Tech |
|--------|--------------------|-------|---|------|
| RTV001 | CDV Ag             | 10    | Detection of the antigen of the <i>Canine Distemper Virus</i> .   | LF   |
| RTV002 | CPV Ag             | 10    | Detection of the antigen of the <i>Canine Parvovirus</i> .  | LF   |
| RTV003 | CCV Ag             | 10    | Detection of the antigen of the <i>Canine Coronavirus</i> .   | LF   |
| RTV004 | CAV-II Ag          | 10    | Detection of the antigen of the <i>Canine Adenovirus Type-II</i> .  | LF   |
| RTV005 | CIV Ag             | 10    | Detection of the antigen of the <i>Canine Influenza Virus</i> .   | LF   |
| RTV006 | CHW Ag             | 10    | Detection of the antigen of the <i>Canine Heartworm</i> .   | LF   |
| RTV007 | Leishmania Ab      | 10    | Detection of the antibodies anti - <i>Canine Leishmania</i> .   | LF   |
| RTV008 | C.BCL Ab           | 10    | Detection of the antibodies anti - <i>Canine Brucella</i> .   | LF   |
| RTV009 | CPV+CCV Ag         | 10    | Simultaneous detection of the antigen of the <i>CPV</i> and the antigen of the <i>CCV</i> (combo test).   | LF   |
| RTV010 | CDV+CAV-II Ag      | 10    | Simultaneous detection of the antigen of the <i>CDV</i> and the antigen of the <i>CAV</i> (combo test).   | LF   |
| RTV011 | CDV+Toxo Ag        | 10    | Simultaneous detection of the antigen of the <i>CDV</i> and the antigen of the <i>Toxoplasma</i> (combo test).  | LF   |
| RTV012 | CDV+CPV Ag         | 10    | Simultaneous detection of the antigen of the <i>CDV</i> and the antigen of the <i>CPV</i> (combo test).   | LF   |
| RTV013 | CPV+CCV+Giardia Ag | 10    | Simultaneous detection of the antigen of the <i>CDV</i> , of the antigen of the <i>CCV</i> and the antigen of the giardia (triple test).              | LF   |
| RTV014 | CDV+CAV-II+CIV Ag  | 10    | Simultaneous detection of the antigen of the <i>CDV</i> , of the antigen of the <i>CAV II</i> and the antigen of the <i>CIV</i> (triple test).        | LF   |
| RTV015 | CDV+Toxo+CAV-II Ag | 10    | Simultaneous detection of the antigen of the <i>CDV</i> , of the antigen of the <i>Toxoplasma</i> and the antigen of the <i>CAV II</i> (triple test). | LF   |
| RTV054 | CPV+CCV+CRV Ag     | 10    | Simultaneous detection of the antigen of the <i>CPV</i> , of the antigen of the <i>CCV</i> and the antigen of the <i>CRV</i> (triple test).           | LF   |
| RTV055 | CRV Ag             | 10    | Detection of the <i>Canine Rotavirus Antigen</i> .  | LF   |
| RTV059 | Canine Lyme Ag     | 10    | Detection of the <i>Canine Lyme antigen</i>   | LF   |
| RTV065 | Ehrlichia Ab       | 10    | Detection of the Anti- <i>Ehrlichia canis</i> antibodies  | LF   |

## PETS – CANINE

|             | REF    | Assay             | Tests | Decription  | Tech |
|-------------|--------|-------------------|-------|---|------|
| <b>NEW!</b> | RTV066 | Anaplasma Ab      | 10    | Detection of total antibodies to the <i>Anaplasma</i> . | LF   |
| <b>NEW!</b> | RTV067 | Leptospira IgM Ab | 10    | Detection of IgM antibodies to the <i>Leptospira</i> .  | LF   |
| <b>NEW!</b> | RTV068 | Canine Total IgE  | 10    | Detection of IgE total antibodies in Canine.            | LF   |

## PETS – FELINE

|  | REF    | Assay                            | Tests | Decription   | Tech |
|--|--------|----------------------------------|-------|--|------|
|  | RTV016 | FPV Ag                           | 10    | Detection of the antigen of the <i>Feline Panleucopenia Virus</i> .  | LF   |
|  | RTV017 | FeLV Ag                          | 10    | Detection of the antigen of the <i>Feline Leukemia Virus</i> .   | LF   |
|  | RTV018 | FIV Ab                           | 10    | Detection of the antibodies anti - <i>Feline Immunodeficiency Virus</i> .                                      | LF   |
|  | RTV019 | FIV Ab + FeLV Ag                 | 10    | Simultaneous detection of the antibodies anti - <i>FIV</i> and the antigen of the <i>FeLV</i> Ag (Combo test). | LF   |
|  | RTV060 | Feline Heartworm Ag              | 10    | Detection of the <i>Feline Heartworm</i> Antigen   | LF   |
|  | RTV061 | Feline Parvovirus Ag             | 10    | Detection of the <i>Feline Parvovirus</i> antigen  | LF   |
|  | RTV062 | Feline Infectious Peritonitis Ab | 10    | Detection of the <i>Feline Anti-Peritonitis</i> antibodies.  | LF   |
|  | RTV063 | Feline Toxoplasmosis Ab          | 10    | Detection of the <i>Feline Anti-Toxoplasmosis</i> antibodies.  | LF   |

## PETS – OTHERS

| REF    | Assay           | Tests | Description  | Tech |
|--------|-----------------|-------|--|------|
| RTV020 | Rabies Ag       | 10    | Detection of the antigen of the <i>Rabies Virus</i> .      | LF   |
| RTV021 | Giardia Ag      | 10    | Detection of the antigen of the <i>Giardia</i> .           | LF   |
| RTV022 | Toxo Ag         | 10    | Detection of the antigen of the <i>Toxoplasma gondii</i> . | LF   |
| RTV023 | CMPT            | 10    | Detection of the antigen of the <i>Chlamydia Abortus</i> . | LF   |
| RTV056 | Schistosomiasis | 40    | Detection of the <i>Schistosoma</i> antigen.               | LF   |

## LIVESTOCK – BOVINE

| REF    | Assay               | Tests | Description  | Tech |
|--------|---------------------|-------|--|------|
| RTV024 | BLV Ab              | 10    | Detection of the antibodies anti - <i>Bovine Leukemia Virus</i> .      | LF   |
| RTV025 | FMD NSP Ab          | 10    | Detection of the antibodies anti - <i>Foot and Mouth Disease NSP</i> . | LF   |
| RTV026 | B.Brucella Ab       | 10    | Detection of the antibodies anti - <i>Bovine Brucella</i> .            | LF   |
| RTV057 | BTB Ab              | 10    | Detection of Anti- <i>Bovine tuberculosis</i> Antibodies.              | LF   |
| RTV058 | Bovine Tuberculosis | 40    | Detection of the <i>Bovine tuberculosis mycobacterium</i> .            | LF   |

## LIVESTOCK – EQUINE

| REF                | Assay       | Tests | Decription  | Tech |
|--------------------|-------------|-------|---|------|
| RTV027             | EIV Ag      | 10    | Detection of the antigen of the <i>Equine Influenza Virus</i> . | LF   |
| <b>NEW!</b> RTV069 | Foal IgG Ab | 10    | Detection of IgG total antibodies in <i>Foal</i> .              | LF   |

## LIVESTOCK - PORCINE

| REF     | Assay                          | Tests | Description  | Tech |
|---------|--------------------------------|-------|--|------|
| RTV028  | CSFV Ab                        | 10    | Detection of the anti - <i>Classical Swine Fever Virus</i> antibodies.     | LF   |
| RTV028B | CSFV virus Ag                  | 40    | Detection of the <i>Classical Swine Fever virus</i> antigen.               | LF   |
| RTV029  | PRRS Ab                        | 10    | Detection of the antibodies anti – <i>PRRS virus</i> .                     | LF   |
| RTV029B | PRRS Ag                        | 40    | Detection of the <i>PRRS virus</i> antigen.                                | LF   |
| RTV030  | PCV-2 Ab                       | 10    | Detection of the <i>Swine anti - Circovirus-2</i> Antibodies.              | LF   |
| RTV031  | FMD Ab                         | 10    | Detection of the antibodies anti - <i>Foot and Mouth Disease Virus</i> .   | LF   |
| RTV032  | PPRV Ab                        | 10    | Detection of the antibodies anti - <i>Porcine Pseudorabies Virus</i> .     | LF   |
| RTV033  | PPV Ag                         | 10    | Detection of the antigen of the <i>Porcine Parvovirus</i> .                | LF   |
| RTV034  | PRV Ag                         | 10    | Detection of the antigen of the <i>Porcine Rotavirus</i> .                 | LF   |
| RTV035  | CMPT                           | 10    | Detection of the antigen of the <i>Chlamydia Abortus</i> .                 | LF   |
| RTV036  | SIV Ag                         | 10    | Detection of the antigen of the <i>Swine Influenza Virus</i> .             | LF   |
| RTV047  | FMD-O Ab                       | 40    | Detection of the swine <i>Anti-FMD O</i> antibodies.                       | LF   |
| RTV048  | Trichinella spiralis Ab        | 40    | Detection of the swine <i>Anti-Trichinella spiralis</i> antibodies.        | LF   |
| RTV049  | Trichinella spiralis Ag        | 40    | Detection of the swine <i>Trichinella spiralis</i> Ag.                     | LF   |
| RTV050  | Swine Toxoplasmosis Ab         | 40    | Detection of the swine <i>Anti-Toxoplasmosis</i> antibodies.               | LF   |
| RTV051  | Swine Japanese encephalitis Ab | 40    | Detection of the Swine <i>Anti-Japanese encephalitis virus</i> Antibodies. | LF   |
| RTV052  | Swine Cysticercus Ab           | 40    | Detection of the Swine <i>Anti-Cysticercus</i> Antibodies.                 | LF   |
| RTV053  | Swine Chlamydia Ab             | 40    | Detection of the Swine <i>Anti-Chlamydia</i> Antibodies.                   | LF   |



## LIVESTOCK - POULTRY

| REF    | Assay      | Tests | Decription  | Tech |
|--------|------------|-------|---|------|
| RTV037 | AIV Ag     | 10    | Detection of the antigen of the <i>Avian Influenza Virus</i> .  | LF   |
| RTV038 | AIV H5 Ag  | 10    | Detection of the antigen of the <i>AIV H5</i> .   | LF   |
| RTV039 | NDV Ag     | 10    | Detection of the antigen of the <i>Newcastle Disease Virus</i> .  | LF   |
| RTV040 | IBD Ag     | 10    | Detection of the antigen of the <i>Infectious Bursal Disease Virus</i> .                                | LF   |
| RTV041 | AIV Ab     | 10    | Detection of the <i>Avian Anti-Influenza Virus</i> antibodies.  | LF   |
| RTV042 | AIV H5 Ab  | 10    | Detection of the <i>Avian anti - AIV H5</i> antibodies.   | LF   |
| RTV043 | NDV Ab     | 10    | Detection of the anti - <i>Newcastle Disease Virus</i> antibodies.                                      | LF   |
| RTV044 | PAV Ag     | 10    | Detection of the antigen of the <i>Pigeon Adenovirus</i> .  | LF   |
| RTV045 | CMPT       | 10    | Detection of the antigen of the <i>Chlamydia Psittaci</i> .   | LF   |
| RTV046 | AIV+NDV Ag | 10    | Simultaneous detection of the antigen of the <i>AIV</i> and the antigen of the <i>NDV</i> (Combo Test). | LF   |

**\*LF = Lateral Flow**

# ***PRISMA VET*** **ELISA kits**

## PETS – CANINE&FELINE

| REF    | Assay                | Tests | Description   | Tech |
|--------|----------------------|-------|---|------|
| ELV037 | Rabies Virus Ab      | 96    | Detection of the <i>Canine anti-Rabies Virus</i> antibodies.  | EL   |
| ELV038 | Dirofilariosis Ab    | 96    | Detection of the <i>Canine anti-Dirofilariosis</i> antibodies.  | EL   |
| ELV039 | Paragonimiasis Ab    | 96    | Detection of the <i>Canine anti-Paragonimiasis</i> antibodies.  | EL   |
| ELV040 | Toxoplasma gondii Ab | 96    | Detection of the <i>Canine and Feline anti-Toxoplasma gondii</i> antibodies.                          | EL   |
| ELV057 | HSV ½ IgG            | 96    | Detection of the <i>Anti-HSV ½ IgG antibodies in Canine and Feline</i> serum/plasma samples.          | EL   |
| ELV058 | Chlamydia IgG        | 96    | Detection of the <i>Anti-Chlamydia IgG</i> antibodies in Canine and Feline serum/plasma samples.      | EL   |
| ELV059 | Mycoplasma IgG       | 96    | Detection of the <i>Anti-Mycoplasma IgG</i> antibodies in Canine and Feline serum/plasma samples.     | EL   |
| ELV060 | Brucella IgG         | 96    | Detection of the <i>Anti-Brucella IgG</i> antibodies in Canine serum/plasma samples.                  | EL   |
| ELV061 | Candida IgG          | 96    | Detection of the <i>Anti-Candida IgG</i> antibodies in Canine serum/plasma samples.                   | EL   |
| ELV062 | Parvovirus IgG       | 96    | Detection of the <i>Anti-CPV IgG</i> antibodies in Canine and <i>Mustelidae</i> serum/plasma samples. | EL   |
| ELV083 | Parvovirus IgM       | 96    | Detection of the <i>Anti-CPV IgM</i> antibodies in Canine and <i>Mustelidae</i> serum/plasma samples. | EL   |
| ELV063 | CDV IgG              | 96    | Detection of the <i>Anti-CDV IgG</i> antibodies in Canine and <i>Mustelidae</i> serum/plasma samples. | EL   |
| ELV079 | CDV IgM              | 96    | Detection of the <i>Anti-CDV IgM</i> antibodies in Canine and <i>Mustelidae</i> serum/plasma samples. | EL   |
| ELV080 | CDV Ag               | 96    | Detection of the <i>CDV</i> Antigens in Canine serum/plasma samples.                                  | EL   |
| ELV075 | Leishmania Ab        | 96    | Detection of the <i>Anti-Leishmania</i> antibodies in Canine serum/plasma samples.                    | EL   |
| ELV076 | Coronavirus IgG      | 96    | Detection of the <i>Anti-Coronavirus IgG</i> antibodies in Canine serum/plasma samples.               | EL   |
| ELV077 | Coronavirus IgM      | 96    | Detection of the <i>Anti-Coronavirus IgM</i> antibodies in Canine serum/plasma samples.               | EL   |
| ELV084 | FCov Ab              | 96    | Detection of the <i>Anti-Coronavirus</i> antibodies in Feline serum/plasma samples.                   | EL   |
| ELV085 | FeIV Ab              | 96    | Detection of the <i>Anti-Leukaemia gp70</i> virus antibodies in Feline serum/plasma samples.          | EL   |

## PETS – CANINE&FELINE

| REF    | Assay   | Tests | Description   | Tech |
|--------|---------|-------|---|------|
| ELV086 | FelV Ag | 96    | Detection of the <i>Feline Leukaemia virus p27</i> antigens in serum/plasma samples.                    | EL   |
| ELV087 | FHV Ab  | 96    | Detection of the Anti- <i>Herpes</i> antibodies in Feline serum/plasma samples.                         | EL   |
| ELV088 | FIV Ab  | 96    | Detection of the Anti- <i>Immunodeficiency p24/p17 virus</i> antibodies in Feline serum/plasma samples. | EL   |
| ELV089 | FPV Ab  | 96    | Detection of the Anti- <i>Panleukopenia virus</i> antibodies in Feline serum/plasma samples.            | EL   |
| ELV090 | FPV Ag  | 96    | Detection of the <i>Panleukopenia virus</i> antibodies in Feline serum/plasma samples.                  | EL   |

## PETS – CANINE&FELINE HORMONES

| REF    | Assay        | Tests | Description  | Tech |
|--------|--------------|-------|--|------|
| ELV048 | Progesterone | 96    | Quantitative detection of <i>Progesterone</i> in Canine and Feline serum/plasma samples. | EL   |
| ELV050 | Cortisol     | 96    | Quantitative detection of <i>Cortisol</i> in Canine and Feline serum/plasma samples.     | EL   |
| ELV051 | cTSH         | 96    | Quantitative detection of <i>TSH</i> in Canine serum/plasma samples.                     | EL   |
| ELV052 | T3           | 96    | Quantitative detection of <i>T3</i> in Canine and Feline serum/plasma samples.           | EL   |
| ELV053 | T4           | 96    | Quantitative detection of <i>T4</i> in Canine and Feline serum/plasma samples.           | EL   |
| ELV054 | fT3          | 96    | Quantitative detection of <i>fT3</i> in Canine and Feline serum/plasma samples.          | EL   |
| ELV055 | fT4          | 96    | Quantitative detection of <i>fT4</i> in Canine and Feline serum/plasma samples.          | EL   |

## PETS – CANINE&FELINE ALLERGY AND FOOD INTOLERANCE

| REF    | Assay                      | Tests | Decription   | Tech |
|--------|----------------------------|-------|--|------|
| ELV066 | ReaFood® CAT 16 Screen IgE | 5     | Detection of the Feline IgE antibodies against 16 different Allergens. | EL   |
| ELV067 | ReaFood® CAT 16 Screen IgG | 5     | Detection of the Feline IgG antibodies against 16 different Allergens. | EL   |
| ELV068 | ReaFood® DOG 16 Screen IgE | 5     | Detection of the Canine IgE antibodies against 16 different Allergens. | EL   |
| ELV069 | ReaFood® DOG 16 Screen IgG | 5     | Detection of the Canine IgG antibodies against 16 different Allergens. | EL   |
| ELV091 | Feline total IgE           | 96    | Detection of total IgE antibodies in feline serum/plasma samples.      | EL   |
| ELV092 | Canine total IgE           | 96    | Detection of total IgE antibodies in canine serum/plasma samples.      | EL   |

## LIVESTOCK – BOVINE

| REF    | Assay                  | Tests | Decription  | Tech |
|--------|------------------------|-------|---|------|
| ELV017 | Brucella antibody      | 96    | Detection of the Bovine anti- <i>Brucella</i> antibodies.             | EL   |
| ELV018 | Bovine Tuberculosis AB | 96    | Detection of the Bovine <i>Tuberculosis mycobacterium</i> antibodies. | EL   |

## LIVESTOCK – BOVINE HORMONES

| REF    | Assay             | Tests | Decription  | Tech |
|--------|-------------------|-------|---|------|
| ELV049 | Progesterone MILK | 96    | Quantitative detection of <i>Progesterone</i> in Bovine milk samples. | EL   |

## LIVESTOCK – OVINE

| REF    | Assay                        | Tests | Description   | Tech |
|--------|------------------------------|-------|---|------|
| ELV019 | Mycoplasma mycoides subsp Ab | 96    | Detection of the Ovine anti- <i>Mycoplasma mycoides</i> subsp antibodies. | EL   |
| ELV020 | Mycoplasma pneumoniae Ab     | 96    | Detection of the Ovine anti- <i>Mycoplasma pneumoniae</i> antibodies.     | EL   |
| ELV004 | FMD 3ABC antibody            | 96    | Detection of the Swine and Ovine anti-3ABC NSP FMD antibodies.            | EL   |
| ELV036 | Sheep Hydatid disease Ab     | 96    | Detection of the Ovine anti- <i>Hydatid</i> disease antibodies.           | EL   |

## LIVESTOCK – EQUINE ALLERGY AND FOOD INTOLERANCE

| REF    | Assay                | Tests | Description  | Tech |
|--------|----------------------|-------|--|------|
| ELV070 | ReaFeed 8 Screen IgE | 10    | Detection of the Equine IgE antibodies against 8 different Feed Allergens.       | EL   |
| ELV071 | ReaFeed 8 Screen IgG | 10    | Detection of the Equine IgG antibodies against 8 different Feed Allergens.       | EL   |
| ELV072 | ReaScreen SET A IgE  | 5     | Detection of the Equine IgE antibodies against 16 different Perennial allergens. | EL   |
| ELV073 | ReaScreen SET B IgG  | 5     | Detection of the Equine IgG antibodies against 16 different Seasonal allergens.  | EL   |
| ELV074 | ReaScreen SET C IgG  | 5     | Detection of the Equine IgG antibodies against 7 different Insects allergens.    | EL   |

## LIVESTOCK – SWINE

| REF     | Assay   | Tests | Description   | Tech |
|---------|---|-------|---|------|
| ELV001  | Porcine FMD solution-phase blocking Asia-I    | 96    | Detection of the Swine anti- <i>Foot-and-mouth disease virus</i> (FMDV) type Asia-I antibodies. | EL   |
| ELV002  | Porcine FMD solution-phase blocking Viruses O | 96    | Detection of the Swine anti- <i>Foot-and-mouth disease virus</i> (FMDV) type O antibodies.      | EL   |
| ELV003  | Porcine FMD solution-phase blocking Viruses A | 96    | Detection of the Swine anti- <i>Foot-and-mouth disease virus</i> (FMDV) type A antibodies.      | EL   |
| ELV003B | FMDV Liquid-phase blocking Ab                 | 960   | Detection of all the 7 serotypes of the <i>Anti-FMDV</i> antibodies.                            | EL   |
| ELV004  | FMD 3ABC antibody                             | 96    | Detection of the Swine and ovine anti-3ABC NSP FMD antibodies.                                  | EL   |
| ELV005  | Swine fever virus antibody                    | 96    | Detection of the Swine anti- <i>fever virus</i> antibodies.                                     | EL   |
| ELV006  | Porcine FMD virus                             | 96    | Detection of the Swine <i>Foot&amp;Mouth disease virus</i> .                                    | EL   |
| ELV007  | Porcine Toxoplasmosis Ab                      | 96    | Detection of the Swine anti- <i>Toxoplasma gondii</i> antibodies.                               | EL   |
| ELV008  | Porcine Trichinella spiralis Ab               | 96    | Detection of the Swine anti- <i>Trichinella spiralis</i> antibodies.                            | EL   |
| ELV009  | Porcine cysticercoids cellulosae Ab           | 96    | Detection of the Swine anti- <i>Cysticercoids cellulosae</i> antibodies.                        | EL   |
| ELV010  | Porcine Japanese encephalitis Ab              | 96    | Detection of the Swine anti- <i>Japanese encephalitis</i> antibodies.                           | EL   |
| ELV011  | Porcine Chlamydia Ab                          | 96    | Detection of the Swine anti- <i>Chlamydia</i> antibodies.                                       | EL   |
| ELV012  | Swine Cysticercus IgG                         | 96    | Detection of the Swine anti- <i>Cysticercus</i> IgG antibodies.                                 | EL   |
| ELV014  | Swine Cysticercus Ab                          | 96    | Detection of the Swine anti- <i>Cysticercus</i> total antibodies.                               | EL   |
| ELV015  | Pseudorabies Virus Ab                         | 96    | Detection of the Swine anti- <i>Pseudorabies virus</i> antibodies.                              | EL   |
| ELV016  | Porcine PRRSV Antibody                        | 96    | Detection of the Swine anti- <i>PRRSV</i> antibodies.   | EL   |
| ELV021  | Porcine circovirus type 2 Ab                  | 96    | Detection of the Swine anti- <i>Circovirus type 2</i> antibodies.                               | EL   |
| ELV023  | Pseudorabies virus gE protein Ab              | 96    | Detection of the Swine anti- <i>Pseudorabies virus</i> gE protein antibodies.                   | EL   |
| ELV024  | Pseudorabies virus Ab                         | 96    | Detection of the Swine anti- <i>Pseudorabies virus</i> antibodies.                              | EL   |

## LIVESTOCK – SWINE

| REF    | Assay                                      | Tests | Decription   | Tech |
|--------|--|-------|--|------|
| ELV025 | Porcine PRRSV Ab                           | 96    | Detection of the Swine anti- <i>PRRSV</i> antibodies.                            | EL   |
| ELV031 | Porcine circovirus Ab                      | 96    | Detection of the Swine anti- <i>Toxoplasma gondii</i> antibodies.                | EL   |
| ELV032 | Porcine Actinobacillus pleuropneumoniae Ab | 96    | Detection of the Swine anti- <i>Actinobacillus pleura pneumoniae</i> antibodies. | EL   |
| ELV033 | Porcine Chlamydia pneumoniae Ab            | 96    | Detection of the Swine anti- <i>Chlamydia pneumoniae</i> antibodies.             | EL   |
| ELV034 | Porcine Mycoplasma hyopneumoniae Ab        | 96    | Detection of the Swine anti- <i>Mycoplasma hyopneumoniae</i> antibodies.         | EL   |
| ELV044 | Swine Influenza Virus (H1 Subtype) Ab      | 96    | Detection of the Swine anti- <i>Influenza Virus (H1 Subtype)</i> antibodies.     | EL   |
| ELV045 | Swine Streptococcus suis(II) Ab            | 96    | Detection of the Swine anti- <i>Streptococcus suis(II)</i> antibodies.           | EL   |

## LIVESTOCK – AVIAN

| REF    | Assay                                     | Tests | Decription  | Tech |
|--------|---|-------|---|------|
| ELV022 | Avian influenza virus Ab                  | 96    | Detection of the Avian anti- <i>influenza virus</i> antibodies.             | EL   |
| ELV026 | Avian influenza virus(H5) IgG Ab          | 96    | Detection of the Avian anti- <i>influenza virus(H5) IgG</i> antibodies.     | EL   |
| ELV027 | Avian influenza virus(H9) IgG Ab          | 96    | Detection of the Avian anti- <i>influenza virus(H9) IgG</i> antibodies.     | EL   |
| ELV028 | Chicken infectious bursal disease Ab(IBD) | 96    | Detection of the Avian anti- <i>infectious bursal disease</i> antibodies.   | EL   |
| ELV029 | Infectious Bronchitis Virus Ab (IBV)      | 96    | Detection of the Avian anti- <i>Infectious Bronchitis Virus</i> antibodies. | EL   |
| ELV030 | Newcastle disease IgG (NDV)               | 96    | Detection of the Avian anti- <i>Newcastle disease IgG</i> antibodies.       | EL   |
| ELV046 | Avian Rhinotracheitis Ab                  | 96    | Detection of the Avian anti- <i>Rhinotracheitis</i> antibodies.             | EL   |



## SIMIAN

| REF    | Assay                               | Tests | Description  | Tech |
|--------|-------------------------------------|-------|--|------|
| ELV041 | Simian B Virus (SBV)                | 96    | Detection of the <i>Simian B Virus</i> antigen.                | EL   |
| ELV042 | Simian Immunodeficiency Virus (SIV) | 96    | Detection of the <i>Simian Immunodeficiency Virus</i> antigen. | EL   |
| ELV043 | Simian T-lymphotropic Virus(STLV)   | 96    | Detection of the <i>Simian T-lymphotropic Virus</i> antigen.   | EL   |

## CARNIVORA

| REF    | Assay         | Tests | Description   | Tech |
|--------|---------------|-------|---|------|
| ELV064 | Nematoda IgG  | 96    | Detection of the <i>Anti-Nematoda</i> IgG antibodies in <i>Carnivora</i> serum/plasma samples.  | EL   |
| ELV065 | Eucestoda IgG | 96    | Detection of the <i>Anti-Eucestoda</i> IgG antibodies in <i>Carnivora</i> serum/plasma samples. | EL   |

***GENE**SPARK** VET***  
**MOLECULAR**  
**DIAGNOSTIC kits**

## PETS (REAL-TIME PCR KITS)

| REF   | Assay   | Tests | Decription  |
|-------|---|-------|---|
| MV001 | CDV   | 50    | Identification of <i>Canine Distemper Virus</i> (CDV) genome  |
| MV003 | <i>Bartonella henselae</i>                            | 50    | Identification of <i>Bartonella henselae</i> genome   |
| MV004 | <i>Borrelia burgdorferi</i>                           | 50    | Identification of <i>Borrelia burgdorferi</i> genome  |
| MV005 | <i>Brucella</i> spp                                   | 50    | Identification of <i>Brucella</i> spp. Genome   |
| MV007 | <i>Ehrlichia</i> spp                                  | 50    | Identification of <i>Ehrlichia</i> spp. genome  |
| MV008 | <i>Ehrlichia. canis</i>                               | 50    | Identification of <i>Ehrlichia canis</i> genome   |
| MV009 | <i>Anaplasma phagocytophilum</i> & <i>platys</i>      | 50    | Identification and the discrimination of <i>Anaplasma phagocytophilum</i> and <i>Anaplasma platys</i> |
| MV010 | <i>Ehrlichia canis</i> & <i>Ehrlichia chaffeensis</i> | 50    | Identification and the discrimination of <i>Ehrlichia canis</i> and <i>Ehrlichia chaffeensis</i> .    |
| MV011 | <i>Rickettsia</i> spp                                 | 50    | Identification of <i>Rickettsia</i> spp. genome.  |
| MV012 | <i>Babesia</i> spp                                    | 50    | Identification of <i>Babesia</i> spp. genome.   |
| MV013 | <i>Babesia canis</i>                                  | 50    | Identification of <i>Babesia canis</i> genome.  |
| MV014 | <i>Leishmania</i> spp                                 | 50    | Identification and the quantification of <i>Leishmania</i> spp.                                       |
| MV006 | <i>Chlamydomphila felis</i>                           | 50    | Identification of <i>Chlamydomphila felis</i> genome  |
| MV015 | <i>Toxoplasma gondii</i>                              | 50    | Identification of <i>Toxoplasma gondii</i> genome.  |

## PETS (REAL-TIME PCR KITS)

| REF          | Assay | Tests     | Decription  |
|--------------|-------|-----------|---|
| <b>MV058</b> | FIV   | <b>50</b> | Identification of the <i>Feline Immunodeficiency Virus</i> .      |
| <b>MV059</b> | FeLV  | <b>50</b> | Identification of the <i>Feline Leukemia Virus</i> .              |
| <b>MV002</b> | FHV1  | <b>50</b> | Identification of <i>Feline Herpes Virus type 1</i> (FHV1) genome |

## HORSES, AVIAN & LIVESTOCK (REAL-TIME PCR KITS)

| REF          | Assay          | Tests     | Decription  |
|--------------|----------------|-----------|---|
| <b>MV026</b> | IBDV           | <b>50</b> | Identification of <i>Infectious Bursal Disease Virus</i> (Gumboro Disease Virus - IBDV) genome.   |
| <b>MV027</b> | Qt IBDV        | <b>50</b> | Identification and the quantification of <i>Infectious Bursal Disease Virus</i> (Gumboro Disease Virus - IBDV) genome.                    |
| <b>MV028</b> | IBV            | <b>50</b> | Identification of <i>Infectious Bronchitis Virus</i> (IBV) genome.  |
| <b>MV029</b> | Qt IBV         | <b>50</b> | Identification and the quantification of <i>Infectious Bronchitis Virus</i> (IBV) genome.   |
| <b>MV030</b> | Swine Flu (H1) | <b>50</b> | Identification of <i>Avian Swine Flu Virus</i> (H1 type) genome.  |
| <b>MV031</b> | NDV            | <b>50</b> | Identification of <i>Newcastle Disease Virus</i> (NDV) genome.  |
| <b>MV032</b> | Qt NDV         | <b>50</b> | Identification and the quantification of <i>Newcastle Disease Virus</i> (NDV) genome.   |
| <b>MV033</b> | Avian Reovirus | <b>50</b> | Identification of <i>Avian Reovirus</i> genome.   |
| <b>MV034</b> | PRRSV          | <b>50</b> | Identification and the discrimination of European and American strains of <i>Porcine Respiratory Reproductive Syndrome Virus</i> (PRRSV). |

# HORSES, AVIAN & LIVESTOCK (REAL-TIME PCR KITS)

| REF          | Assay                                | Tests     | Description  |
|--------------|--------------------------------------|-----------|--|
| <b>MV035</b> | West Nile Virus                      | <b>50</b> | Identification of <i>West Nile virus</i> genome.   |
| <b>MV036</b> | Brucella spp                         | <b>50</b> | Identification of <i>Brucella spp.</i> genome.   |
| <b>MV037</b> | Campylobacter spp.                   | <b>50</b> | Identification of <i>Campylobacter spp.</i> genome.  |
| <b>MV038</b> | Chlamydophila psittaci               | <b>50</b> | Identification of <i>Chlamydophila psittaci</i> .  |
| <b>MV039</b> | Ehrlichia spp.                       | <b>50</b> | Identification of <i>Ehrlichia spp.</i>  |
| <b>MV040</b> | Anaplasma phagocytophilum/platys     | <b>50</b> | Identification and the discrimination of <i>Anaplasma phagocytophilum</i> and <i>Anaplasma platys</i> .          |
| <b>MV041</b> | Mycobacterium spp.                   | <b>50</b> | Identification of <i>Mycobacterium spp.</i> genome.  |
| <b>MV042</b> | Mycobacterium avium                  | <b>50</b> | Identification of <i>Mycobacterium avium</i> .   |
| <b>MV043</b> | Mycobacterium avium paratuberculosis | <b>50</b> | Identification of <i>Mycobacterium avium sub. paratuberculosis</i> genome.                                       |
| <b>MV044</b> | Mycobacterium tuberculosis           | <b>50</b> | Identification of <i>Mycobacterium tuberculosis</i> genome.  |
| <b>MV045</b> | Qt Mycobacterium tuberculosis        | <b>50</b> | Identification and the quantification of <i>Mycobacterium tuberculosis</i> genome.                               |
| <b>MV046</b> | Mycoplasma spp.                      | <b>50</b> | Identification of <i>Mycoplasma spp.</i> genome.   |
| <b>MV047</b> | Mycoplasma hyopneumoniae             | <b>50</b> | Identification of <i>Mycoplasma hyopneumoniae</i> genome.  |
| <b>MV048</b> | Mycoplasma gallisepticum/synoviae    | <b>50</b> | Identification and the discrimination of <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i> genomes. |
| <b>MV049</b> | Salmonella spp.                      | <b>50</b> | Identification of <i>Salmonella spp.</i> genome.   |
| <b>MV050</b> | Babesia spp                          | <b>50</b> | Identification of <i>Babesia spp.</i> genome.  |
| <b>MV051</b> | Babesia equi                         | <b>50</b> | Identification of <i>Babesia equi</i> genome.  |
| <b>MV024</b> | CAV                                  | <b>50</b> | Identification of <i>Chicken Anemia Virus (CAV)</i> genome.  |
| <b>MV025</b> | Qt CAV                               | <b>50</b> | Identification and quantification of <i>Chicken Anemia Virus (CAV)</i> genome.                                   |

## Sale conditions

### Orders

Orders must bring the heading of the client and the complete social reason, the VAT number or tax identification number, the number of order and the date, the reference to the offer of Immunospark, the banking coordinates, the address of delivery of the commodity and eventually the schedules of delivery.

Send orders to:

[orderentry@immunospark.com](mailto:orderentry@immunospark.com)  
[sales@immunospark.com](mailto:sales@immunospark.com)

### Prices

The valid prices are those identified during the order period.

The prices are intended to be free of the VAT and of every other burden.

### Shipping

The commodity travels for account and risk of the buyer.

### Claims

The claims on the received commodity must have introduced through recommended letter, attaching bead of delivery, within 10 days from the reception of the commodity.

### Payments

Payments must be effected in the suitable terms on the offer referred to the last order. In case of missed payment at the expiration, Immunospark will be free of every obligation of supply assumed in precedence.

### Competent Court

For every legal controversy, the competent court will be the Court of Rome, Italy.