

**Insect vector
research resources
available at no cost**



Research infrastructures for
control of vector-borne diseases

Infravec2: How To Request No-Cost Insect Vector Products



Who can request Infravec2 products and training?

Researchers and innovators **worldwide**

The aim of this tutorial is to help you request no-cost insect vector products from Infravec2. Researchers and innovators worldwide are eligible to request Infravec2 products, services, facility access and vector training. The process is similar to traditional online shopping except that requestors “pay” by completing a justification form.

How to request No-cost vector resources:

1. Shop the online product catalog

The image shows two screenshots of the Infravec2 website. The left screenshot shows the 'No-cost products' menu item highlighted in a red box. Below it, a rotating slide features a mosquito and the text 'NO-COST VECTOR RESEARCH PRODUCTS' and 'Continuous call for applications, open 2017-2021'. A 'No-cost products' button is also highlighted in a red box. The right screenshot shows the 'Products' page, with a blue arrow pointing from the left. It features a search bar, a 'Browse Infravec2 products (most recent first)' section with three product listings, and a 'Product filters' section on the right. The product listings include details like 'User strain Aedes albopictus, infected with West Nile virus' and 'Culex quinquefasciatus strain Slab preserved or extracts'. The filters include 'Product category' and 'Vector category'.

www.infravec2.eu

No-cost products can be requested from the online shop on the project website. The shop can be reached either from the Product item of the menu or through a link in the rotating slides at the top of the page. The entry page of the shop allows you to search products using a full-text field or a list of dynamic product filters. It is also possible to browse through the products that are displayed on the page with a high-level description. The name of the product is a link to a more detailed product description.

2. Search by browsing and using product filters

Vector Research Products

Please read before ordering: [Order instructions](#) [Pre-order checklist](#)

Search Infrac2 products

Browse Infrac2 products

<p>Standard Membrane Feeding Assay (SMFA) of live insects</p> <p>Material provided: Analysis of screening results, identification of hit-substances and full dose response curves</p> <p>Unit definition: 22 different feeding conditions</p> <p>Description: Up to 22 different feeding conditions can be tested using antibodies, compounds, small molecules or different concentrations of a particular substance of interest.</p> <p>See product</p>	<p>High-throughput screen of live insects</p> <p>Material provided: Analysis of screening results, identification of hit-substances</p> <p>Unit definition: up to 500 substances tested</p> <p>Description: Up to 500 different feeding conditions can be tested using antibodies, compounds, small molecules or different concentrations of particular substances of interest.</p> <p>See product</p>	<p>Long-read DNA sequencing by Nanopore with bioinformatic analysis</p> <p>Material provided: Data, including bioinformatic analysis</p> <p>Unit definition: 10 samples/run</p> <p>Description: Long-read sequencing technologies are capable of producing long sequencing reads with average fragment lengths of over 10,000 base-pairs and maximum lengths reaching 100,000 base-pairs. Bioinformatic analysis.</p> <p>See product</p>
<p>Long-read DNA sequencing by Nanopore</p> <p>Material provided: Data (raw sequence files)</p> <p>Unit definition: 10 samples/run</p> <p>Description: Long-read sequencing technologies are capable of producing long sequencing reads with average fragment lengths of over 10,000 base-pairs and maximum lengths reaching 100,000 base-pairs.</p> <p>See product</p>	<p>Small RNA Illumina sequencing with bioinformatic analysis</p> <p>Material provided: Data, Bioinformatic analysis included</p> <p>Unit definition: 12 samples/run</p> <p>Description: Small RNA sequencing (RNA-Seq) is a technique to isolate and sequence small RNA species: miRNAs, siRNAs, piRNAs, and snoRNAs with a size range of 20 to 30 nucleotides that play a crucial role in regulating gene expression. Bioinformatic analysis.</p> <p>See product</p>	<p>Small RNA Illumina sequencing</p> <p>Material provided: Data (raw sequence files)</p> <p>Unit definition: 12 samples/run</p> <p>Description: Small RNA sequencing (RNA-Seq) is a technique to isolate and sequence small RNA species: miRNAs, siRNAs, piRNAs, and snoRNAs with a size range of 20 to 30 nucleotides that play a crucial role in regulating gene expression.</p> <p>See product</p>
<p>Metatransomic Illumina</p>	<p>Metatransomic Illumina</p>	<p>RNA-Seq Illumina</p>

Filter product categories

- Product category**
- Facilities (11)
 - Services (20)
 - Vectors (121)
- Vector category**
- Culicoides (8)
 - Mosquitoes (84)
 - Sandflies (37)
 - Stomoxys (2)
 - Ticks (7)
 - Tsetse flies (7)
- Vector species**
- Aedes aegypti (27)
 - Aedes albopictus (27)
 - Anopheles coluzzii (10)
 - Anopheles darlingi (3)
 - Anopheles stephensi (9)
 - Culex pipiens (7)
 - Culex quinquefasciatus (4)
 - Culicoides nubeculosus (2)
 - Culicoides sonorensis (2)
 - Glossina fuscipes fuscipes (2)
 - Glossina palpalis (2)
 - Glossina palpalis gambiensis (2)
 - Lutzomyia longipalpis (3)
 - Lutzomyia migonei (3)
 - Ornithodoros erraticus (2)
 - Ornithodoros moubata (2)
 - Ornithodoros porcinus (2)
 - Phlebotomus arabicus (3)
 - Phlebotomus argentipes (3)
 - Phlebotomus dubosqi (3)
 - Phlebotomus orientalis (3)
 - Phlebotomus papatasi (3)
 - Phlebotomus perniciosus (3)

This slide shows the location of the full-text search field, the list of products with their high-level description, and the product filters with the different categories. The filters are dynamic and limit the products displayed on the page to those within the selected category. The number of products meeting the criteria is displayed next to the category in parenthesis.

3. Add product(s) to shopping cart, view cart and proceed to checkout

The image shows a sequence of steps on the infraVec2 website. On the left, the product page for 'High-throughput screen of live mosquitoes' is displayed. A red box highlights the 'Return to Store' button at the top right of the product details. Another red box highlights the 'Add to cart' button below the product image. A blue arrow points from this page to the right, where the shopping cart page is shown. A red box highlights the 'Return to search' button at the top right of the cart page. At the bottom of the cart page, another red box highlights the 'Proceed to checkout' button. The cart page shows one item: 'High-throughput screen of live mosquitoes' with a quantity of 1. The 'Update cart' button is also visible.

Once you have found the product you are interested in, go to the product page to see the complete product description. From there you can return to shopping or add the product to your shopping cart. After selecting a product you have the option to either go back to the shop to select more products or to view your cart and proceed to checkout and fill the application form.

4. Log in or register

Mandatory fields are marked with a red star (*)

Login

Username or email address *

Password *

Remember me

[Lost your password?](#)

Register

First name* Last name*

Email address *

Please enter a valid email address

Password *

Please provide a password

Hint: The password should be at least 8 characters long. To make it stronger, use upper and lower case letters, numbers, and symbols like ! " ? \$ % ^ &).

Your personal data will be used to support your experience throughout

Continuation

About your employing organisation

Full name of your organisation *

Short Name / Acronym *

Legal status *

University and other higher education organization

Department / Laboratory

Address *

Postcode *

Town / City *

The first step is to log in if you already have an account or to register to create one. Mandatory fields are marked with a red star.

5. Complete the checkout form

Read order instructions and collect information!
From this point the application has to be completed in **one session!**

Checkout

Account information

First name *

R.E.

Last name *

Searcher

Email address *

Re.Searcher@Infravec2.eu

About your employing organisation

Full name of your organisation *

Institut Pasteur

Short Name / Acronym *

IP

Legal status *

Research institute

Address *

25-28 rue du Docteur Roux

75015

Paris

Country *

FR

Account fields are self-populated with your registration information

You can now complete the checkout form. It consists of two parts. The first one contains account information that is self-populated with your account information.

It is important that you read the order instructions before moving to checkout because the application has to be completed in one session. Make sure that all the needed information and documents are available.

6. Enter brief scientific justification

Scientific project:

Please provide the following justification of your request for InVivo2 products and services (all materials in English). Your request will be evaluated by a Selection Panel under the 3 criteria described below. Click here to know how your request will be evaluated.

Please select:

New order
 Amended order

If Amended request, please specify the order number of the first order

Have you previously used this research installation? *

No

Are there any equivalent research infrastructures/products available in your country? *

No

Project full title *

Generic Vector Biology Project

Project short Name / Acronym *

Genus:

Key words - Please select one or more key words in the following list

- Host-pathogen interactions
- Insect immunity
- Population genetics
- Insect-vector genomics
- Insect biochemistry
- Insect behaviour
- Vector control / insecticide tools
- Microbiome and metagenomics
- Virus discovery

Free key words - Please add any free key words related to your scientific project *

Beneficial microbes

1. Technical quality *Description and feasibility of the proposed research using the requested products. Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute **

products. Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and

Max 462 words

2. Expected scientific outcomes *Expected scientific outcomes of the research regarding new biological knowledge and innovation, new technical or translational tools, or other. High risk and exploratory projects with potential high scientific payoff are acceptable **

Expected scientific outcomes of the research regarding new biological knowledge and innovation, new technical or translational tools, or other. High

Max 369 words

3. Applicant capacity building *Describe how the proposed research will enhance your career and training, and/or the research capacities of your host laboratory/ institute. Interdisciplinary research is encouraged. If you have not previously worked in vector biology, please describe how the proposed experiments complement or build on your previous expertise **

and/or the research capacities of your host laboratory/ institute. Interdisciplinary research is encouraged. If you have not previously worked in

Max 354 words

The second part of the form is dedicated to project information. A brief scientific justification of the technical quality, expected scientific outcomes and applicant capacity building must be provided. Instructions to help you write the justifications are included in italic. The minimum and maximum length of the text is indicated and the fields include a word counter to help you meet the requirements.

7. Upload CV

Scientific project:

Please provide the following justification of your request for Infravec2 products and services (all materials in English). Your request will be evaluated by a Selection Panel under the 3 criteria described below. Click here to know how your request will be evaluated.

Please select:

- New order
 Amended order

Free key words - Please add any free key words related to your scientific project *

Beneficial microbes

If Amended request, please specify:

Have you previously used the requested products?

No

Are there any equivalent products in your home country? *

No

Project full title *

Generic Vector Biology Pro

Project short Name / Acronym

GenVec

Key words - Please select one or more

Host-pathogen interaction

Insect immunity

Population genetics

Insect-vector genomics

Insect biochemistry

Insect behaviour

Vector control / Insecticide

Microbiome and metagenomics

Virus discovery

1. Technical quality - Description and feasibility of the proposed research using the requested products. Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute *

products. Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and

Max 462 words

2. Expected scientific output - List of publications - Please provide a list of up to 5 relevant publications from your own work or your host laboratory

new biological knowledge on

High risk and exploratory projects

Expected scientific output

knowledge and innovation

Max 369 words

3. Applicant capacity building - Describe your career and training, and/or technical skills, and/or interdisciplinary research experience. Please describe how the proposed research will build your capacity and/or the research capacity of your team

and/or the research capacity of your team

interdisciplinary research

Max 354 words

(1) *

Searcher, RE. Year. Vector Biology Paper Title1. Journal1. Volume. Pages.

(2) *

Searcher, RE. Year. Vector Biology Paper Title2. Journal2. Volume. Pages.

(3) *

Investigator, P & Searcher, RE. Year. Vector Biology Paper Title3. Journal3. Volume. Pages.

(4) *

Investigator, P & Other, A. Year. Vector Biology Paper Title4. Journal4. Volume. Pages.

(5) *

Investigator, P & Other, A. Year. Vector Biology Paper Title5. Journal5. Volume. Pages.

Applicant CV (in English) *

Upload File

Certificates (in English)

- If you are requesting **physical access to Infravec2 facilities at Biosafety Level 2 or 3**, please provide evidence of training and authorization. If needed, you may apply for our training courses: please contact [TNA Manager](#).
- For **live vectors**, authorization of importation into the country of destination is required.
- If you are requesting **live infected mosquitoes**, please provide evidence of the appropriate Biosafety Level and know-how at the receiving facilities.

Upload File

Please upload an English language version of your CV as a PDF file along with any other listed requirements relevant to your request.

8. Place order

Your order:

Product

Long-read DNA sequencing by Nanopore with bioinformatic analysis × 1

Scientific project:

Please provide the following justification of your request for Infravec2 products and services (all materials in English). Your request will be evaluated by a Selection Panel under the 3 criteria described below. [Click here](#) to know how your request will be evaluated.

Please select:

- New order
- Amended order

Free key words - Please add any free key words related to your scientific project.

Beneficial microbes

If Amended request, please specify:

1. Technical quality - Description and feasibility of the proposed research using the requested products. Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute.

Have you previously used this product?

No

Are there any equivalent resources available in your country?

No

2. Expected scientific outcome - Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute.

Max 462 words

Project full title

Generic Vector Biology Project

2. Expected scientific outcome - Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute.

Project short Name / Acronym

GenVec

3. Applicant capacity building - Briefly describe the technical design of the proposed research. Please include (where appropriate) names of Principal Investigators, and description of relevant equipment and facilities at your institute.

Key words - Please select one or more

Host pathogen interactions

Insect immunity

Population genetics

Insect-vector genomics

Insect biochemistry

Insect behaviour

Vector control / insecticide

Microbiome and metagenomics

Virus discovery

4. List of publications - Please provide a list of up to 5 relevant publications from your host laboratory.

Max 369 words

5. Certificates (in English) - If you are requesting physical access to Infravec2 facilities at Biosafety Level 2 or 3, please provide evidence of training and authorization. If needed, you may apply for our training courses: please contact TNA Manager.

6. For live vectors, authorization of importation into the country of destination is required. If you are requesting live infected mosquitoes, please provide evidence of the appropriate Biosafety Level and know-how at the receiving facilities.

Max 354 words

7. Upload File

Product options - Please check if there are available options on the product page(s) for your order, and specify your preferences where appropriate

I would like to request PCR-Free library preparation.

Most products requested from this site will require your institution to sign either a Materials Transfer Agreement, Facilities Access Agreement or Data Sharing Agreement.

A confirmation email will be sent for each order placed. If you don't receive it, please contact the TNA Manager.

Place order

The bottom of the check-out form shows a list of the requested products and product options. Please review these options on the product page and indicate your preferences. Once you have completed all the needed fields, click on the Place order button.

9. Answer survey

Thank you for your order!

You will receive a confirmation and summary of your order by email.

The Infravec2 team is assessing your order. Progress will be notified by email.

You can [view your order and follow its status](#) on your [account page](#). Don't hesitate to contact the [TNA Manager](#) in case of difficulties.

User feedback

Your feedback is very important to improve the user-friendliness and quality of the Infravec2 online shop. It will be analysed anonymously by the webmaster for discussion with the online shop team. All collected data will then be deleted from the database.

How was your shopping experience? *

- It was great!
- It was OK, but it could have been better.
- It was frustrating,...

Do you want to tell us more?

0 of 500 max characters

Submit survey

You will then be asked to answer a quick survey to help us improve the user-friendliness and quality of the Infravec2 online shop. The survey answers need to be submitted before an order can be placed.

10. Acknowledgment

Order received

Thank you. Your order has been received.

ORDER NUMBER:	DATE:
2399	December 13, 2017

Your request number is [2399](#).

The Infrac2 team is analyzing your request. You will be notified by email about the progress of your request.

You can [view your request/order](#) in and follow its status on your account page

User Details:

Once the order is received by the system, an acknowledgement page will be displayed with the order number and date. You will also receive a confirmation email including a summary of the information on the checkout form.

How is the application evaluated?

- Application handled by the TransNational Access product manager
- Two external and one internal evaluator score the application
- Evaluated for technical and scientific quality
- Criteria and process described on website (No-cost products):
<https://infravec2.eu/evaluation-guidelines/>
- The evaluation process takes about 3 weeks

Your application will be handled by our TransNational Access or TNA product manager. Two external and one internal evaluator will score your application for technical and scientific quality. The process and evaluation criteria are described in the Infravec2 website. The page can be found under the “No-cost product” menu item. Evaluation takes about 3 weeks.

Thank you for your attention!



For any question contact the TNA Manager:
TNAManager@infravec2.eu
Website: www.infravec2.eu



Thank you for your attention. We hope that this presentation will facilitate your TNA product requests. The TNA Manager will be happy to answer your questions.