

# Módulo API

## Objetivo

El objetivo de esta prueba es ver funcionalmente el comportamiento de la API ReqRes probando un flujo básico de creación y consulta de usuarios.

## Entorno de pruebas

URL: <https://reqres.in/api>

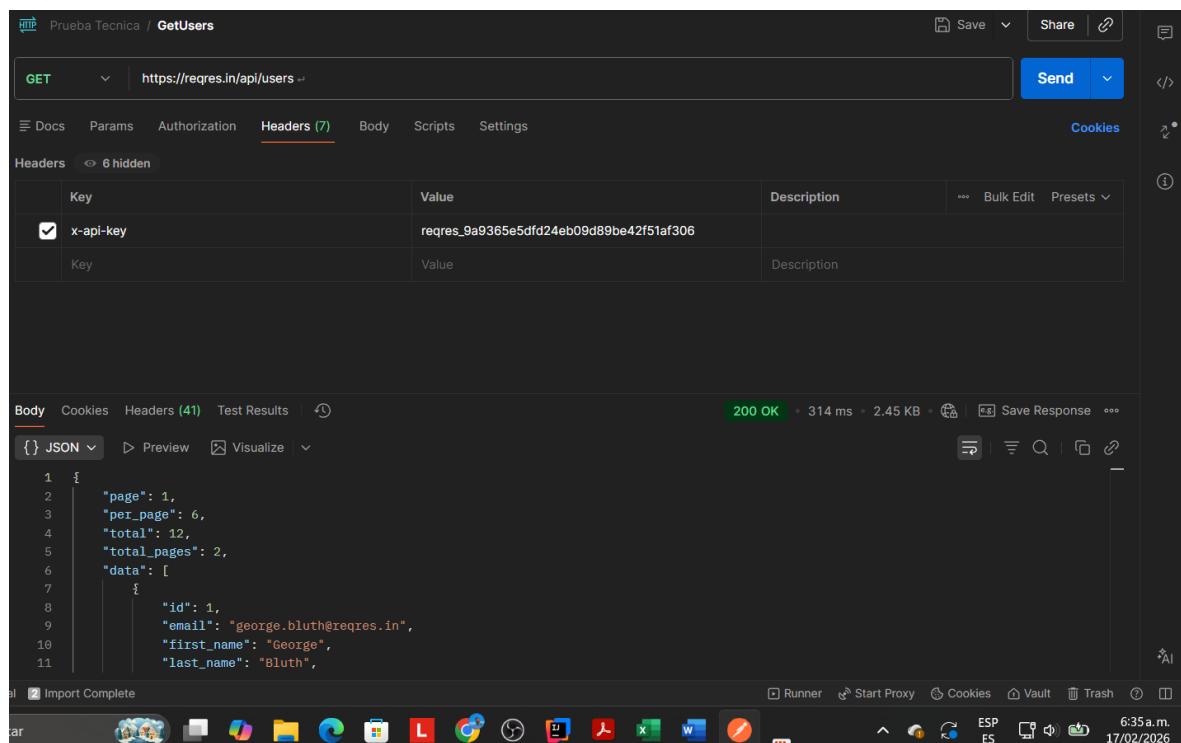
Autenticación requerida: Header x-api-key

Herramienta: Postman

## CASOS DE PRUEBA EJECUTADOS (ReqRes)

Test Case 1 – Listar usuarios (GET)

Respuesta: 200 OK



The screenshot shows the Postman interface with a successful API call to `https://reqres.in/api/users`. The Headers tab includes an `x-api-key` header with the value `reqres_9a9365e5dfd24eb09d89be42f51af306`. The Body tab displays the JSON response from the API, which contains 12 user objects. The response structure is as follows:

```
1 {  
2   "page": 1,  
3   "per_page": 6,  
4   "total": 12,  
5   "total_pages": 2,  
6   "data": [  
7     {  
8       "id": 1,  
9       "email": "george.bluth@reqres.in",  
10      "first_name": "George",  
11      "last_name": "Bluth",  
12    },  
13    {  
14      "id": 2,  
15      "email": "lucy.mitchell@reqres.in",  
16      "first_name": "Lucy",  
17      "last_name": "Mitchell",  
18    },  
19    {  
20      "id": 3,  
21      "email": "tobias.lindt@reqres.in",  
22      "first_name": "Tobias",  
23      "last_name": "Lindt",  
24    },  
25    {  
26      "id": 4,  
27      "email": "anna.williams@reqres.in",  
28      "first_name": "Anna",  
29      "last_name": "Williams",  
30    },  
31    {  
32      "id": 5,  
33      "email": "michael.lawrence@reqres.in",  
34      "first_name": "Michael",  
35      "last_name": "Lawrence",  
36    },  
37    {  
38      "id": 6,  
39      "email": "elma.zenner@reqres.in",  
40      "first_name": "Elma",  
41      "last_name": "Zenner",  
42    },  
43    {  
44      "id": 7,  
45      "email": "richard.mccormick@reqres.in",  
46      "first_name": "Richard",  
47      "last_name": "McCormick",  
48    },  
49    {  
50      "id": 8,  
51      "email": "doris.schmidt@reqres.in",  
52      "first_name": "Doris",  
53      "last_name": "Schmidt",  
54    },  
55    {  
56      "id": 9,  
57      "email": "louise.williams@reqres.in",  
58      "first_name": "Louise",  
59      "last_name": "Williams",  
60    },  
61    {  
62      "id": 10,  
63      "email": "anna.williams@reqres.in",  
64      "first_name": "Anna",  
65      "last_name": "Williams",  
66    },  
67    {  
68      "id": 11,  
69      "email": "anna.williams@reqres.in",  
70      "first_name": "Anna",  
71      "last_name": "Williams",  
72    },  
73    {  
74      "id": 12,  
75      "email": "anna.williams@reqres.in",  
76      "first_name": "Anna",  
77      "last_name": "Williams",  
78    }  
79  ]  
80}  
81
```

## Test Case 2 – Crear usuario (POST)

Respuesta: 201 Created

The screenshot shows the Postman interface with a successful POST request to `https://reqres.in/api/users`. The request body contains the following JSON:

```
1 {  
2   "name": "Test User",  
3   "job": "Automation Engineer"  
4 }  
5
```

The response status is **201 Created**, with a response time of 279 ms, a size of 2.31 KB, and a timestamp of 6:38 a.m. on 17/02/2026. The response body is displayed as:

```
{ } JSON ▾
```

```
1 {  
2   "name": "Test User",  
3   "job": "Automation Engineer",  
4   "id": "750",  
5   "createdAt": "2026-02-17T11:04:52.991Z",  
6   "_meta": {  
7     "powered_by": "ReqRes",  
8     "docs_url": "https://app.reqres.in/documentation",  
9     "upgrade_url": "https://app.reqres.in/upgrade",  
10    "example_url": "https://app.reqres.in/examples/notes-app",  
11    "variant": "v1_a",  
12  },  
13}
```

## Test Case 3 – Consultar usuario creado (GET by ID)

The screenshot shows the Postman interface with a failed GET request to `https://reqres.in/api/users/750`. The request includes a header `x-api-key: reqres_9a9365e5dfd24eb09d89be42f51af306`.

The response status is **404 Not Found**, with a response time of 351 ms, a size of 1.9 KB, and a timestamp of 6:45 a.m. on 17/02/2026. The response body is displayed as:

```
{ } JSON ▾
```

```
1 {}
```

Respuesta: 404 Not Found

**Hallazgo:** ReqRes actúa como un servicio mock y no persiste realmente los usuarios creados mediante POST entonces no es posible validar el flujo completo Create

Test Case 4 – Listar usuarios Pagina 2(GET)

Respuesta: 200 OK

GET https://reqres.in/api/users?page=2

Headers (7)

Key	Value	Description	Bulk Edit	Presets
x-api-key	reqres_9a9365e5dfd24eb09d89be42f51af306			
Key	Value	Description		

Body (40) Headers (40) Test Results

{ } JSON ▾ Preview Visualize

```
1 {  
2   "page": 2,  
3   "per_page": 6,  
4   "total": 12,  
5   "total_pages": 2,  
6   "data": [  
7     {  
8       "id": 7,  
9       "email": "michael.lawson@reqres.in",  
10      "first_name": "Michael",  
11      "last_name": "Lawson",  
12    }  
13  ]  
14}
```

200 OK 279 ms 2.45 KB Save Response

Runner Start Proxy Cookies Vault Trash 6:52 a.m. 17/02/2026

## Conclusiones

Se validó la creación mediante POST, pero no fue posible recuperar los recursos creados debido a la falta de persistencia en APIs mock.