VALIDACIÓN DE ENDPOINTS Y CÓDIGOS DE ESTADO HTTP

Mediante pruebas funcionales con Postman

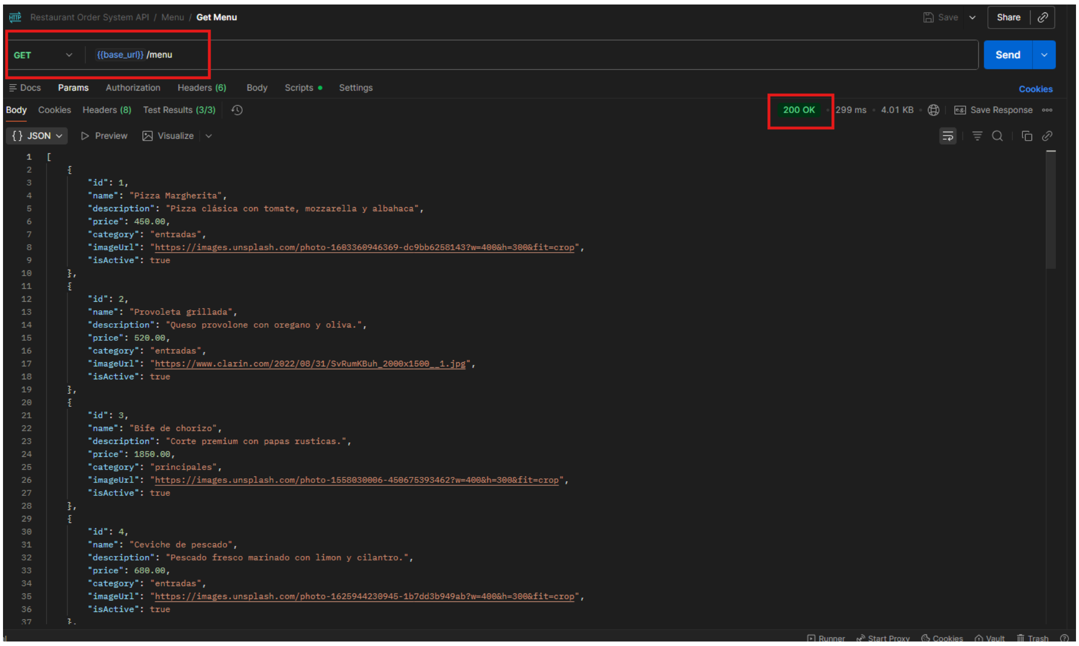
Aseguramiento de la Calidad / QA / Desarrollo Web
Training Sofka

Para la ejecución de las pruebas funcionales, la URL base de la API y el token debe configurarse utilizando **Environments de Postman**

Medellín, Colombia
2026

Menú:

Get: http://localhost:8080/menu

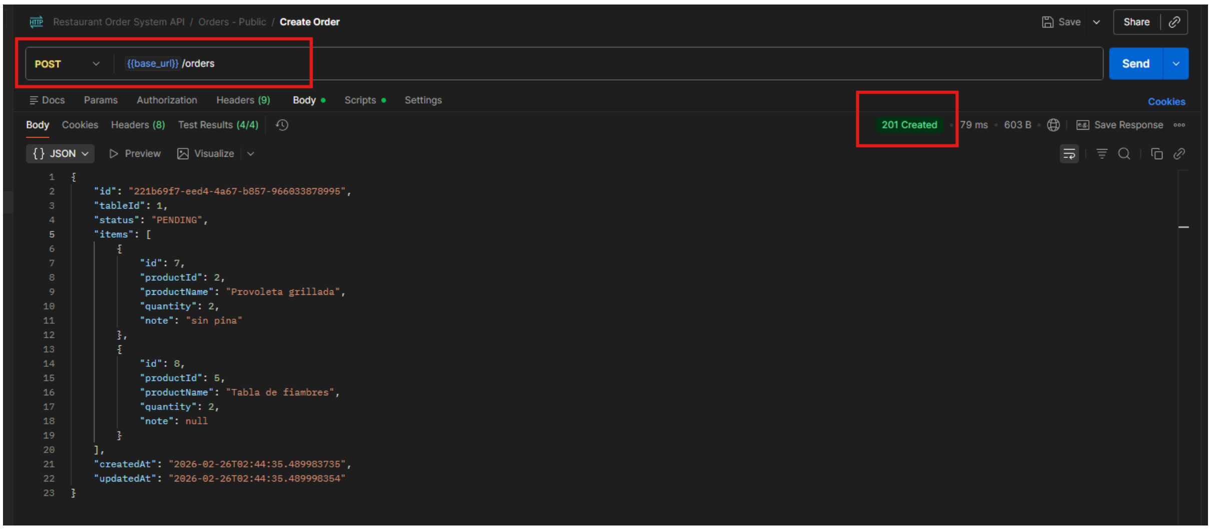


```
[
    {
        "id": 1,
        "name": "Pizza Margherita",
        "description": "Pizza clásica con tomate, mozzarella y albahaca",
        "price": 450.00,
        "category": "entradas",
        "imageUrl": "https://images.unsplash.com/photo-1603360946369-dc9bb6258143?w=400&h=300&fit=crop",
        "isActive": true
    },
    {
        "id": 2,
        "name": "Provoleta grillada",
        "description": "Queso provolone con oregano y oliva.",
        "price": 520.00,
        "category": "entradas",
        "imageUrl": "https://www.clarin.com/2022/08/31/SvRumKBuh_2000x1500__1.jpg",
        "isActive": true
    },
    {
        "id": 3,
        "name": "Bife de chorizo",
        "description": "Corte premium con papas rusticas.",
        "price": 1850.00,
        "category": "principales",
        "imageUrl": "https://images.unsplash.com/photo-1558030006-450675393462?w=400&h=300&fit=crop",
        "isActive": true
    },
    {
        "id": 4,
        "name": "Ceviche de pescado",
        "description": "Pescado fresco marinado con limon y cilantro.",
        "price": 680.00,
        "category": "entradas",
        "imageUrl": "https://images.unsplash.com/photo-1625944230945-1b7dd3b949ab?w=400&h=300&fit=crop",
        "isActive": true
    },
```

Crear una orden

POST: http://localhost:8080/orders
Content-Type: application/json

```
{
  "tableId": "1",
  "items": [
    {
      "productId": "2",
      "quantity": "2",
      "note": "sin pina"
    },
    {
      "productId": "5",
      "quantity": "2"
    }
  ]
}
```



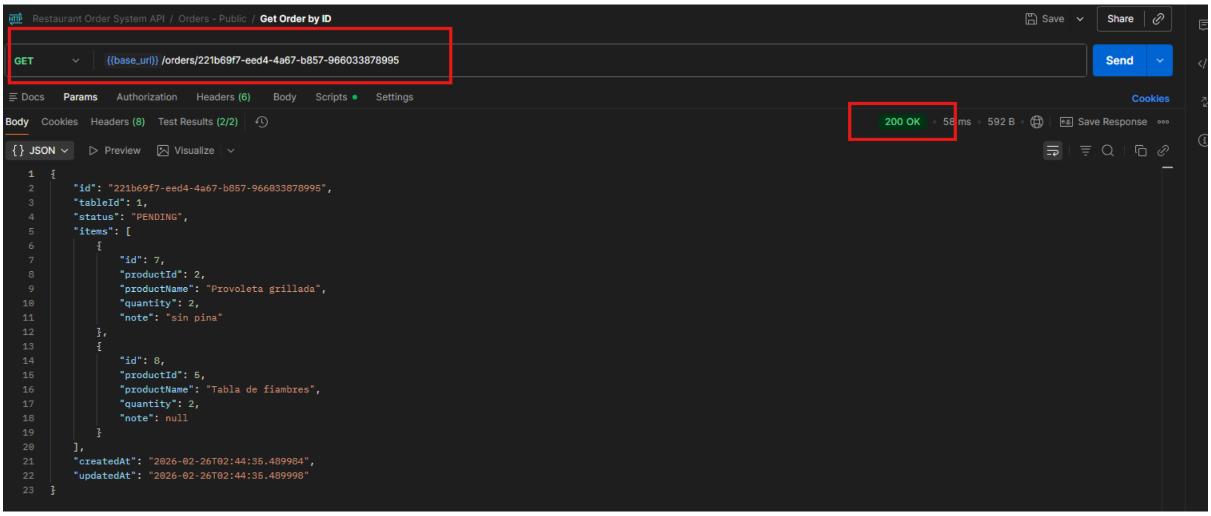
Restaurant Order System API / Orders - Public / **Create Order**

POST {{base_url}} /orders

```
{
    "id": "221b69f7-eed4-4a67-b857-966033878995",
    "tableId": 1,
    "status": "PENDING",
    "items": [
        {
            "id": 7,
            "productId": 2,
            "productName": "Provoleta grillada",
            "quantity": 2,
            "note": "sin pina"
        },
        {
            "id": 8,
            "productId": 5,
            "productName": "Tabla de fiambres",
            "quantity": 2,
            "note": null
        }
    ],
    "createdAt": "2026-02-26T02:44:35.489983735",
    "updatedAt": "2026-02-26T02:44:35.489998354"
}
```

Get Order by Id

GET: {{base_url}}/orders/221b69f7-eed4-4a67-b857-966033878995



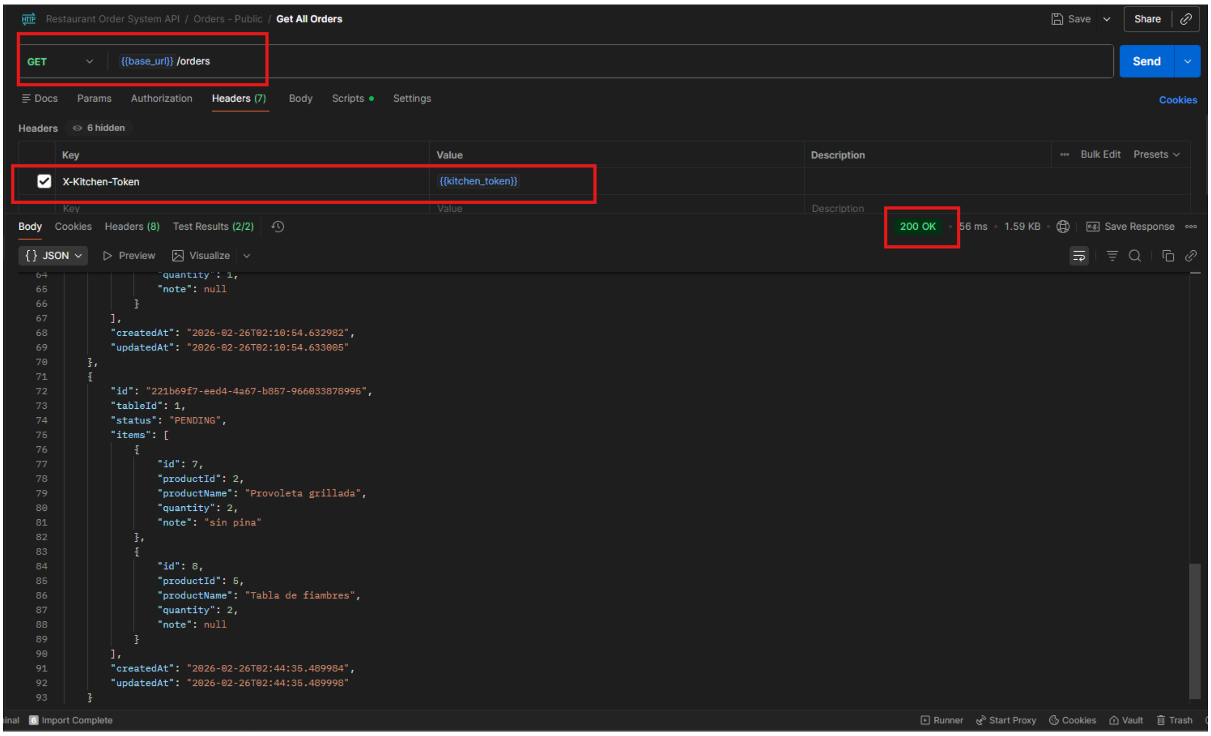
Restaurant Order System API / Orders - Public / **Get Order by ID**

GET {{base_url}} /orders/221b69f7-eed4-4a67-b857-966033878995

```
{
    "id": "221b69f7-eed4-4a67-b857-966033878995",
    "tableId": 1,
    "status": "PENDING",
    "items": [
        {
            "id": 7,
            "productId": 2,
            "productName": "Provoleta grillada",
            "quantity": 2,
            "note": "sin pina"
        },
        {
            "id": 8,
            "productId": 5,
            "productName": "Tabla de fiambres",
            "quantity": 2,
            "note": null
        }
    ],
    "createdAt": "2026-02-26T02:44:35.489984",
    "updatedAt": "2026-02-26T02:44:35.489998"
}
```

get all orders

GET: {{base_url}}/orders



GET {{base_url}} /orders

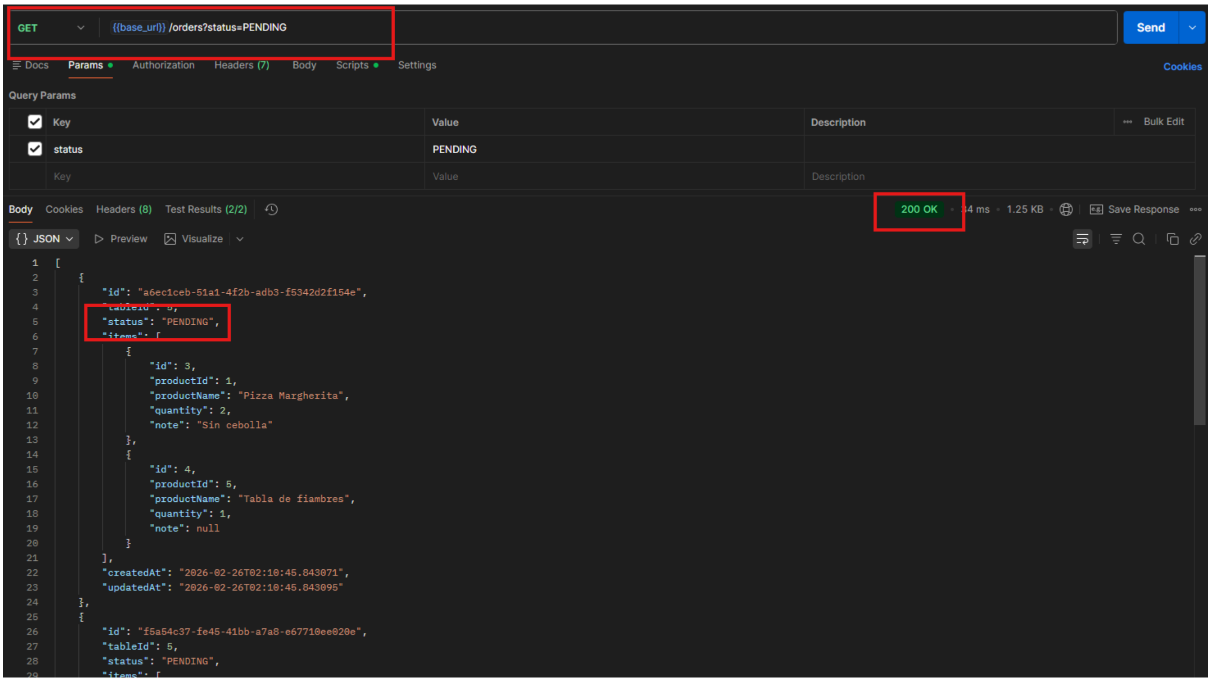
	Key	Value	Description
☑	X-Kitchen-Token	{{kitchen_token}}	
	Key	Value	Description

200 OK

```
                "quantity": 1,
                "note": null
            }
        ],
        "createdAt": "2026-02-26T02:10:54.632982",
        "updatedAt": "2026-02-26T02:10:54.633005"
    },
    {
        "id": "221b69f7-eed4-4a67-b857-966033878995",
        "tableId": 1,
        "status": "PENDING",
        "items": [
            {
                "id": 7,
                "productId": 2,
                "productName": "Provoleta grillada",
                "quantity": 2,
                "note": "sin pina"
            },
            {
                "id": 8,
                "productId": 5,
                "productName": "Tabla de fiambres",
                "quantity": 2,
                "note": null
            }
        ],
        "createdAt": "2026-02-26T02:44:35.489984",
        "updatedAt": "2026-02-26T02:44:35.489998"
    }
```

get orders by status

GET: {{base_url}}/orders?status=PENDING



GET {{base_url}} /orders?status=PENDING

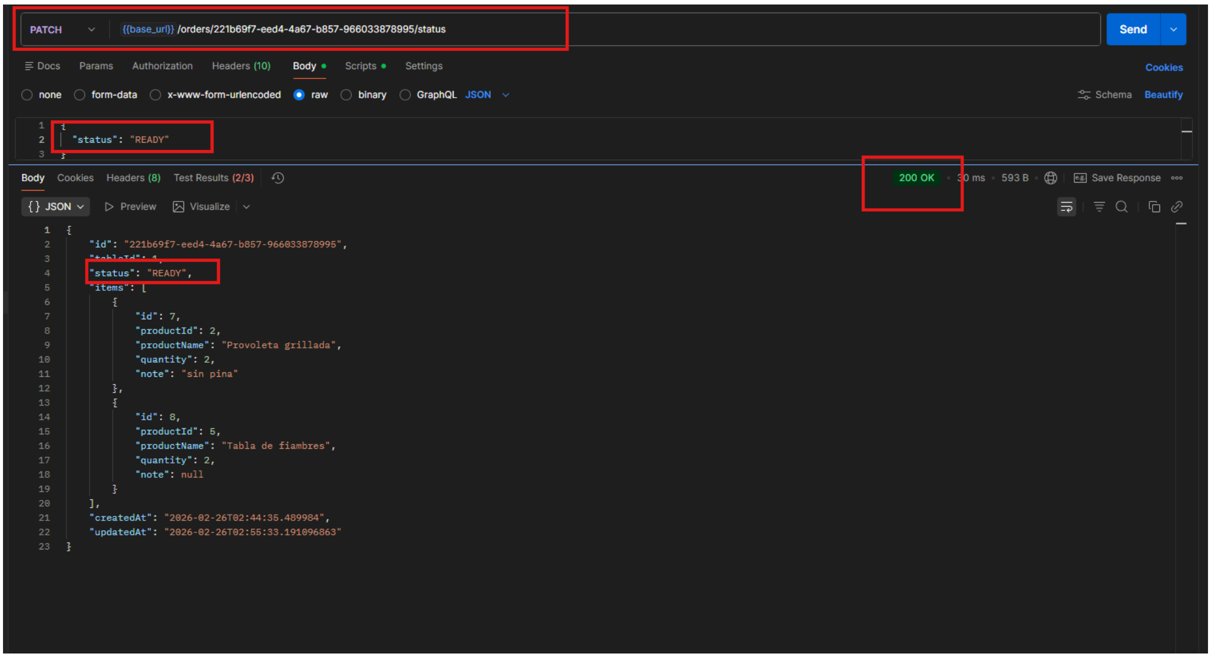
	Key	Value	Description
☑	status	PENDING	
	Key	Value	Description

200 OK

```
[
    {
        "id": "a6ec1ceb-51a1-4f2b-adb3-f5342d2f154e",
        "tableId": 5,
        "status": "PENDING",
        "items": [
            {
                "id": 3,
                "productId": 1,
                "productName": "Pizza Margherita",
                "quantity": 2,
                "note": "Sin cebolla"
            },
            {
                "id": 4,
                "productId": 5,
                "productName": "Tabla de fiambres",
                "quantity": 1,
                "note": null
            }
        ],
        "createdAt": "2026-02-26T02:10:45.843071",
        "updatedAt": "2026-02-26T02:10:45.843095"
    },
    {
        "id": "f5a54c37-fe45-41bb-a7a8-e67710ee020e",
        "tableId": 5,
        "status": "PENDING",
        "items": [
```

Update order status

PATCH: {{base_url}}/orders/221b69f7-eed4-4a67-b857-966033878995/status

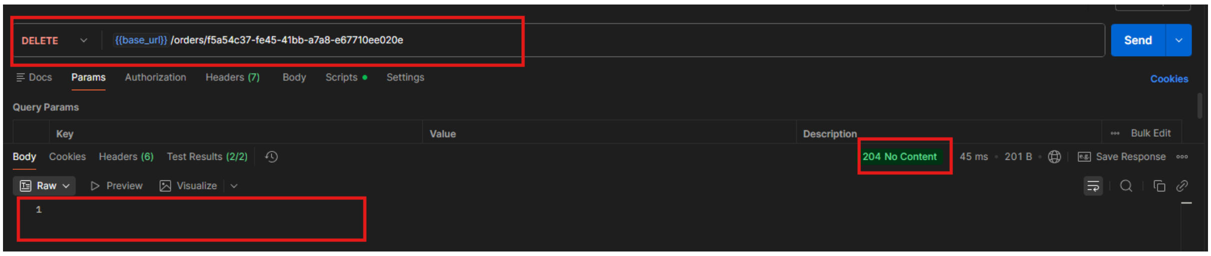


```
{
  "status": "READY"
}
```

```
{
    "id": "221b69f7-eed4-4a67-b857-966033878995",
    "tableId": 1,
    "status": "READY",
    "items": [
        {
            "id": 7,
            "productId": 2,
            "productName": "Provoleta grillada",
            "quantity": 2,
            "note": "sin pina"
        },
        {
            "id": 8,
            "productId": 5,
            "productName": "Tabla de fiambres",
            "quantity": 2,
            "note": null
        }
    ],
    "createdAt": "2026-02-26T02:44:35.489984",
    "updatedAt": "2026-02-26T02:55:33.191096863"
}
```

Delete order by Id

Delete: {{base_url}}/orders/f5a54c37-fe45-41bb-a7a8-e67710ee020e

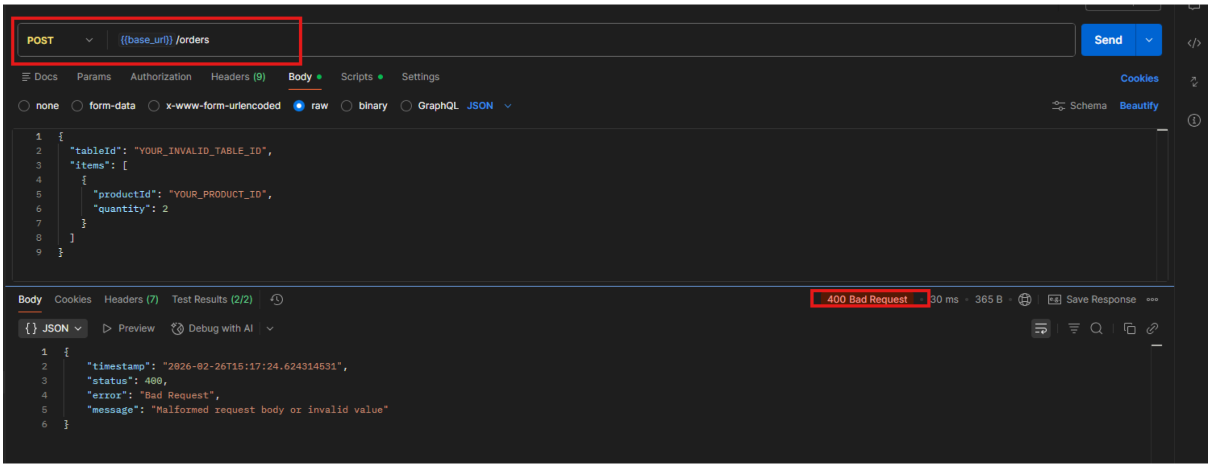


Error cases

Craete oder -invalid TableId

POST: {{base_url}}/orders

```
{
  "tableId": "YOUR_INVALID_TABLE_ID",
  "items": [
    {
      "productId": "YOUR_PRODUCT_ID",
      "quantity": 2
    }
  ]
}
```



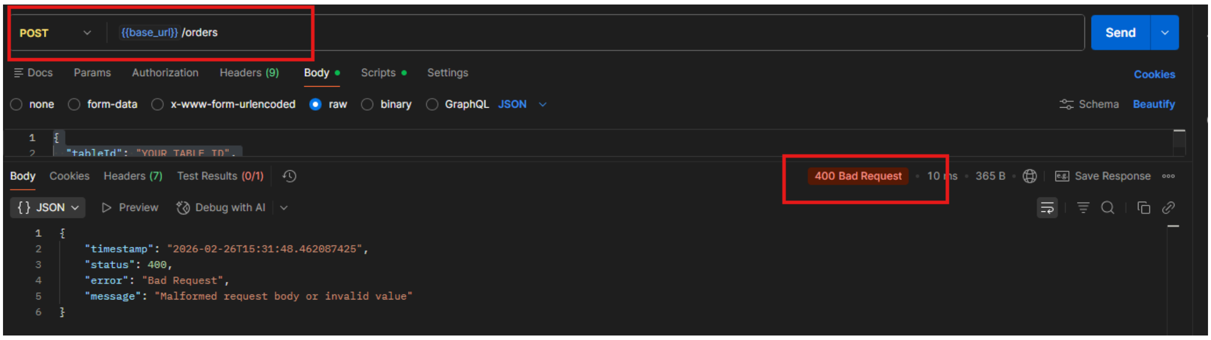
```
{
  "tableId": "YOUR_INVALID_TABLE_ID",
  "items": [
    {
      "productId": "YOUR_PRODUCT_ID",
      "quantity": 2
    }
  ]
}
```

```
{
    "timestamp": "2026-02-26T15:17:24.624314531",
    "status": 400,
    "error": "Bad Request",
    "message": "Malformed request body or invalid value"
}
```

create order - product not found

POST: {{base_url}}/orders

```
{
  "tableId": "YOUR_TABLE_ID",
  "items": [
    {
      "productId": "YOUR_PRODUCT_ID",
      "quantity": "YOUR_QUANTITY"
    }
  ]
}
```

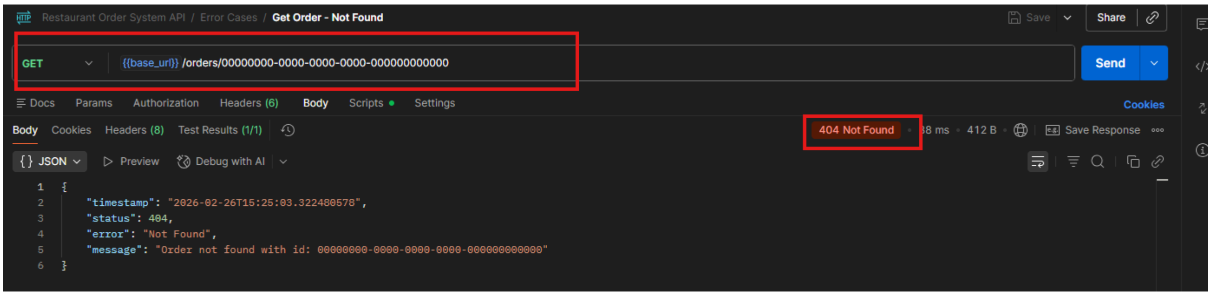


```
{
  "tableId": "YOUR_TABLE_ID",
```

```
{
    "timestamp": "2026-02-26T15:31:48.462087425",
    "status": 400,
    "error": "Bad Request",
    "message": "Malformed request body or invalid value"
}
```

get order - not found

GET: {{base_url}}/orders/00000000-0000-0000-0000-000000000000



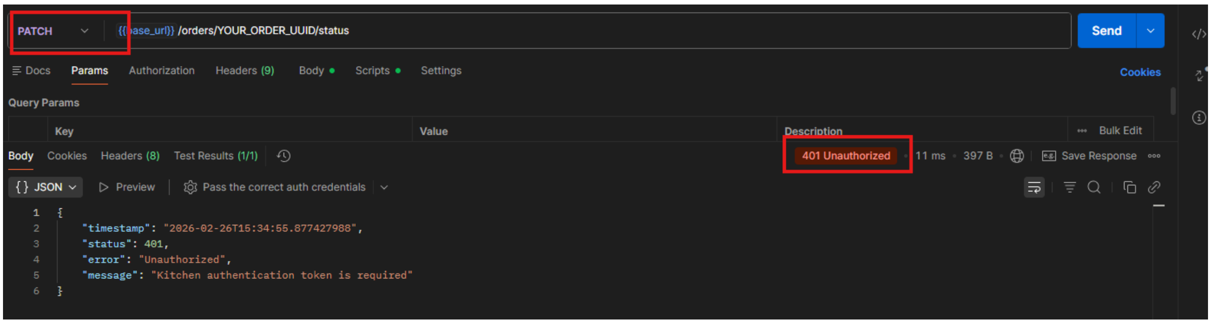
GET {{base_url}} /orders/00000000-0000-0000-0000-000000000000

404 Not Found · 18 ms · 412 B

```
{
    "timestamp": "2026-02-26T15:25:03.322480578",
    "status": 404,
    "error": "Not Found",
    "message": "Order not found with id: 00000000-0000-0000-0000-000000000000"
}
```

Updated status - no token

PATCH: {{base_url}}/orders/6f2fa0c0-f7b4-4834-8388-7261cf719ddb/status



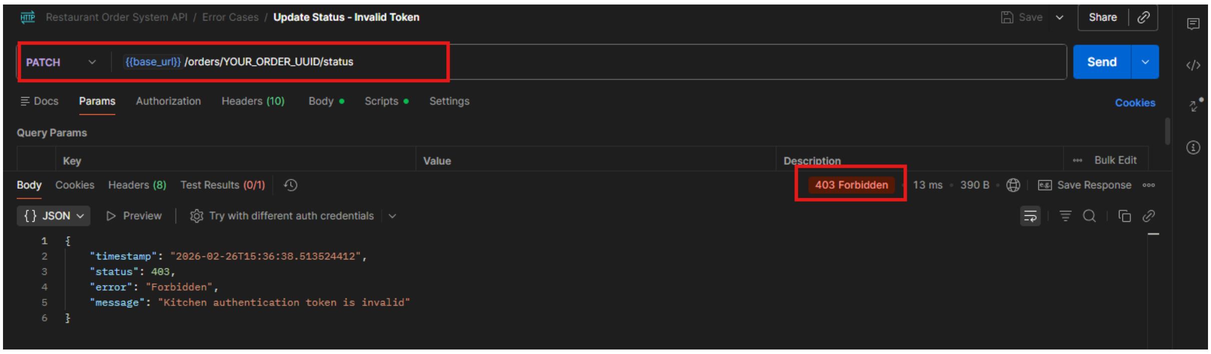
PATCH {{base_url}} /orders/YOUR_ORDER_UUID/status

401 Unauthorized · 11 ms · 397 B

```
{
    "timestamp": "2026-02-26T15:34:55.877427988",
    "status": 401,
    "error": "Unauthorized",
    "message": "Kitchen authentication token is required"
}
```

Updated status - invalid token

PATCH: {{base_url}}/orders/6f2fa0c0-f7b4-4834-8388-7261cf719ddb/status



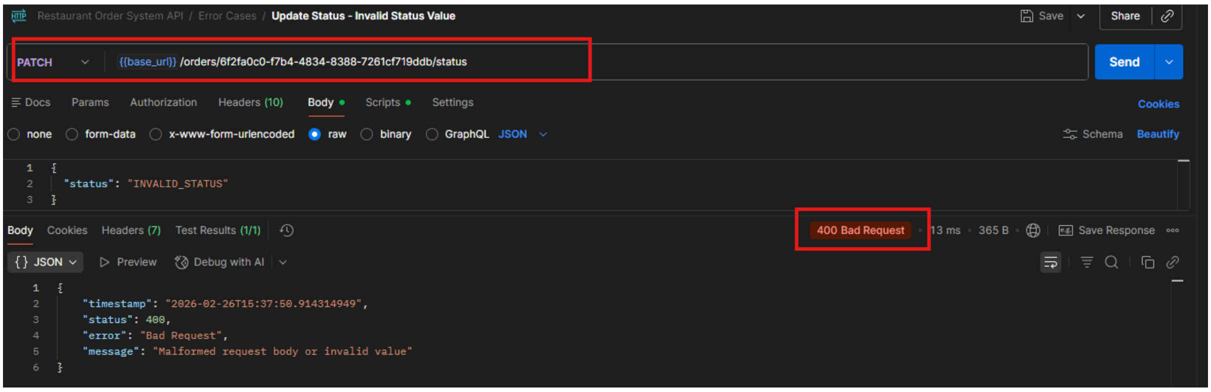
PATCH {{base_url}} /orders/YOUR_ORDER_UUID/status

403 Forbidden · 13 ms · 390 B

```
{
    "timestamp": "2026-02-26T15:36:38.513524412",
    "status": 403,
    "error": "Forbidden",
    "message": "Kitchen authentication token is invalid"
}
```

Update status - invalid status value

PATCH: {{base_url}}/orders/6f2fa0c0-f7b4-4834-8388-7261cf719ddb/status



PATCH {{base_url}} /orders/6f2fa0c0-f7b4-4834-8388-7261cf719ddb/status

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "status": "INVALID_STATUS"
}
```

400 Bad Request · 13 ms · 365 B

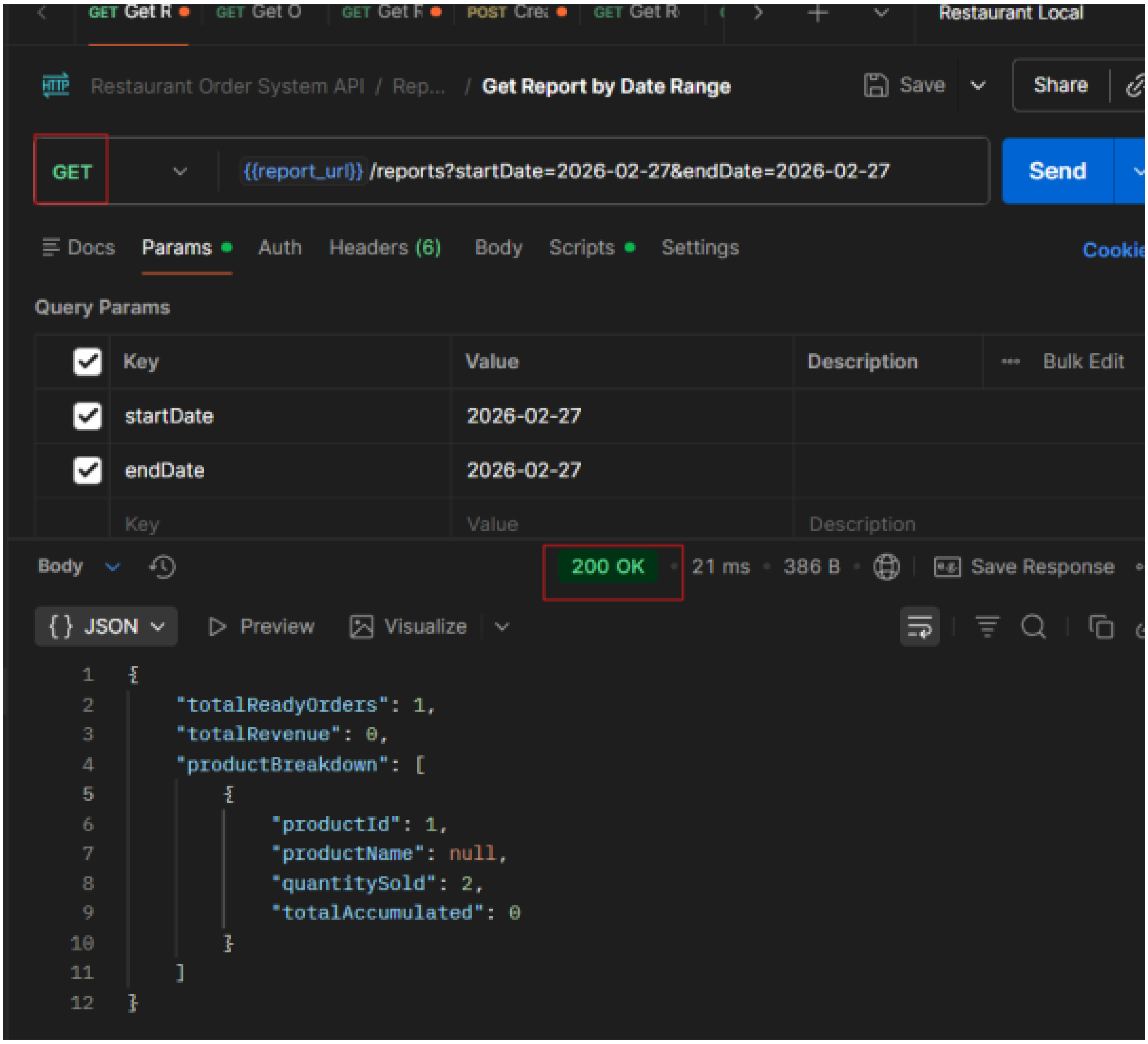
Body { } JSON

```
{
    "timestamp": "2026-02-26T15:37:50.914314949",
    "status": 400,
    "error": "Bad Request",
    "message": "Malformed request body or invalid value"
}
```

Reports

Get report By Date Range

GET: {{report_url}}/reports?startDate=2026-02-27&endDate=2026-02-27



GET {{report_url}} /reports?startDate=2026-02-27&endDate=2026-02-27

Query Params

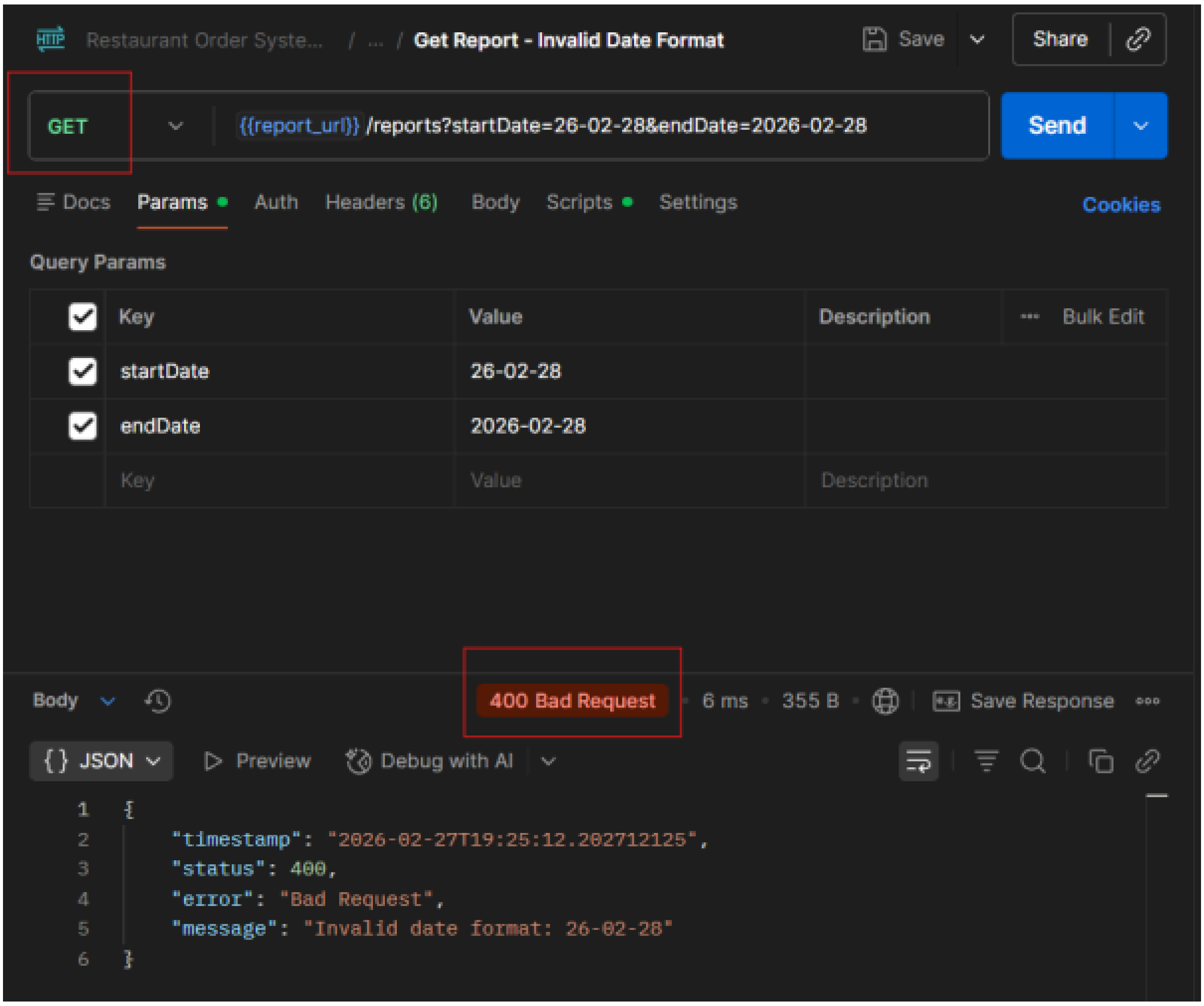
	Key	Value	Description
☑	startDate	2026-02-27	
☑	endDate	2026-02-27	

200 OK • 21 ms • 386 B

```
{
    "totalReadyOrders": 1,
    "totalRevenue": 0,
    "productBreakdown": [
        {
            "productId": 1,
            "productName": null,
            "quantitySold": 2,
            "totalAccumulated": 0
        }
    ]
}
```

Get Report - Invalid Date Format

GET: {{report_url}}/reports?startDate=26-02-28&endDate=2026-02-28



{{report_url}} /reports?startDate=26-02-28&endDate=2026-02-28

Query Params

	Key	Value	Description
☑	startDate	26-02-28	
☑	endDate	2026-02-28	

400 Bad Request · 6 ms · 355 B

```
{
    "timestamp": "2026-02-27T19:25:12.202712125",
    "status": 400,
    "error": "Bad Request",
    "message": "Invalid date format: 26-02-28"
}
```