

Swagger Screenshots

- GET: <https://localhost:7177/api/BloodBank>

Code	Details
200	<div>Response body<pre>{ "bloodType": "A+", "contactInfo": "james@gmail.com", "quantity": 500, "collectionDate": "2024-10-11", "expirationDate": "2024-11-16", "status": "Available" }, { "id": 2, "donorName": "Albus", "age": 20, "bloodType": "AB+", "contactInfo": "albus@gmail.com", "quantity": 450, "collectionDate": "2024-11-03", "expirationDate": "2024-12-08", "status": "Requested" }, { "id": 3, "donorName": "Jessica", "age": 21, "bloodType": "A-", "contactInfo": "jessica@gmail.com", "quantity": 400, "collectionDate": "2024-09-10", "expirationDate": "2024-10-15", "status": "Expired" }</pre></div> <div>Response headers<pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:16:04 GMT server: Kestrel</pre></div>

- GET: <https://localhost:7177/api/BloodBank/2>

Code	Details
200	<div>Response body<pre>{ "id": 2, "donorName": "Albus", "age": 20, "bloodType": "AB+", "contactInfo": "albus@gmail.com", "quantity": 450, "collectionDate": "2024-11-03", "expirationDate": "2024-12-08", "status": "Requested" }</pre></div> <div>Response headers<pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:20:07 GMT server: Kestrel</pre></div>

- POST: <https://localhost:7177/api/BloodBank>

201 <i>Undocumented</i>	Response body <pre>{ "id": 5, "donorName": "Sarah", "age": 19, "bloodType": "B+", "contactInfo": "sarah@gmail.com", "quantity": 350, "collectionDate": "2024-11-20", "expirationDate": "2024-12-25", "status": "Available" }</pre>
	Response headers <pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:22:38 GMT location: https://localhost:7177/api/BloodBank/5 server: Kestrel</pre>

- PUT: <https://localhost:7177/api/BloodBank/5>

Code	Details
201 <i>Undocumented</i>	Response body <pre>{ "id": 5, "donorName": "Sarah", "age": 29, "bloodType": "AB+", "contactInfo": "sarah@gmail.com", "quantity": 350, "collectionDate": "2024-11-20", "expirationDate": "2024-12-25", "status": "Available" }</pre>
	Response headers <pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:27:35 GMT location: https://localhost:7177/api/BloodBank/5 server: Kestrel</pre>
Responses	

- DELETE: <https://localhost:7177/api/BloodBank/5>

Code	Details
204 <i>Undocumented</i>	Response headers <pre>date: Wed, 20 Nov 2024 16:33:55 GMT server: Kestrel</pre>

When deleting a non-existing record-

Code	Details
404	Error: response status is 404
Undocumented	
Response body	
<pre>{ "type": "https://tools.ietf.org/html/rfc9110#section-15.5.5", "title": "Not Found", "status": 404, "traceId": "00-766e37ca17cd3914a0b5c514d9449986-8ec08da4f4665f8d-00" }</pre>	
Response headers	
<pre>content-type: application/problem+json; charset=utf-8 date: Wed, 20 Nov 2024 16:37:25 GMT server: Kestrel</pre>	

- GET: <https://localhost:7177/api/BloodBank/page=2&size=2>

200	Response body
<pre>[{ "id": 3, "donorName": "Jessica", "age": 21, "bloodType": "A-", "contactInfo": "jessica@gmail.com", "quantity": 400, "collectionDate": "2024-09-10", "expirationDate": "2024-10-15", "status": "Expired" }, { "id": 4, "donorName": "Scorpius", "age": 21, "bloodType": "O+", "contactInfo": "scorpius@gmail.com", "quantity": 550, "collectionDate": "2024-10-31", "expirationDate": "2024-12-05", "status": "Available" }]</pre>	
Response headers	
<pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:38:52 GMT server: Kestrel</pre>	

- GET: <https://localhost:7177/api/BloodBank/searchbloodType=A%2B>

200	Response body
<pre>[{ "id": 1, "donorName": "James", "age": 21, "bloodType": "A+", "contactInfo": "james@gmail.com", "quantity": 500, "collectionDate": "2024-10-11", "expirationDate": "2024-11-16", "status": "Available" }]</pre>	

- GET: <https://localhost:7177/api/BloodBank/searchstatus=Requested>

200

Response body

```
[
  {
    "id": 2,
    "donorName": "Albus",
    "age": 20,
    "bloodType": "AB+",
    "contactInfo": "albus@gmail.com",
    "quantity": 450,
    "collectionDate": "2024-11-03",
    "expirationDate": "2024-12-08",
    "status": "Requested"
  }
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 16:43:14 GMT
server: Kestrel
```

- GET: <https://localhost:7177/api/BloodBank/searchdonorName=Jessica>

200

Response body

```
[
  {
    "id": 3,
    "donorName": "Jessica",
    "age": 21,
    "bloodType": "A-",
    "contactInfo": "jessica@gmail.com",
    "quantity": 400,
    "collectionDate": "2024-09-10",
    "expirationDate": "2024-10-15",
    "status": "Expired"
  }
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 16:44:55 GMT
server: Kestrel
```

- GET: <https://localhost:7177/api/BloodBank/search?parameter=bloodtype&key=AB%2B>

200

Response body

```
[
  {
    "id": 2,
    "donorName": "Albus",
    "age": 20,
    "bloodType": "AB+",
    "contactInfo": "albus@gmail.com",
    "quantity": 450,
    "collectionDate": "2024-11-03",
    "expirationDate": "2024-12-08",
    "status": "Requested"
  }
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Wed, 20 Nov 2024 16:46:13 GMT
server: Kestrel
```

- GET:
<https://localhost:7177/api/BloodBank/filter?bloodType=A%2B&status=Available>

Code	Details
200	<div><div>Response body</div><pre>[{ "id": 1, "donorName": "James", "age": 21, "bloodType": "A+", "contactInfo": "james@gmail.com", "quantity": 500, "collectionDate": "2024-10-11", "expirationDate": "2024-11-16", "status": "Available" }]</pre></div> <div><div>Response headers</div><pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:47:54 GMT server: Kestrel</pre></div>

- GET:
<https://localhost:7177/api/BloodBank/sort?parameter=Collectiondate&order=desc>

Code	Details
200	<div><div>Response body</div><pre>[{ "id": 2, "donorName": "Albus", "age": 20, "bloodType": "AB+", "contactInfo": "albus@gmail.com", "quantity": 450, "collectionDate": "2024-11-03", "expirationDate": "2024-12-08", "status": "Requested" }, { "id": 4, "donorName": "Scorpius", "age": 21, "bloodType": "O+", "contactInfo": "scorpius@gmail.com", "quantity": 550, "collectionDate": "2024-10-31", "expirationDate": "2024-12-05", "status": "Available" }, { "id": 1, "donorName": "James", "age": 21, "bloodType": "A+", "contactInfo": "james@gmail.com", "quantity": 500, "collectionDate": "2024-10-11", "expirationDate": "2024-11-16", "status": "Available" }]</pre></div> <div><div>Response headers</div><pre>content-type: application/json; charset=utf-8 date: Wed, 20 Nov 2024 16:50:01 GMT server: Kestrel</pre></div>