```
class ReverseIterator:
    def __init__(self, sequence):
        self.sequence = sequence
        self.index = len(sequence)

    def __iter__(self):
        return self

    def __next__(self):
        if self.index == 0:
            raise StopIteration
        self.index = self.index - 1
        return self.sequence[self.index]
```

```
from reverse_iterator import ReverseIterator

def test_reverse_iterator():
    sequence = ['one', 'two', 'three']
    iterator = ReverseIterator(sequence)

    assert iterator.__iter__() is iterator
    assert next(iterator) == 'three'
    assert next(iterator) == 'two'
    assert next(iterator) == 'one'
    with pytest.raises(StopIteration):
        next(iterator)

if __name__ == "__main__":
    test_reverse_iterator()
```