Kaiko

MIGRATION GUIDE

Wallet Balances & Transfers

Amberdata → Kaiko

2026

www.kaiko.com

1 At a glance

What this guide covers. The ten Amberdata wallet endpoints that read balances, token transfers and token holders, and the Kaiko endpoint that replaces each one. Kaiko serves them through three endpoints: one for wallet balances (latest, at a point in time, or as a series), one for value movements, and one for the holders of a token.

What changes for you

- Ten Amberdata paths collapse into three Kaiko endpoints on `https://api.kaiko.io`. The wallet or token in the Amberdata path becomes the `addresses` or `token_address` query parameter (§6 to §8).
- Amounts change scale: Amberdata returns raw integers in the smallest unit (`"678400000000"`), Kaiko returns whole units with the token's decimals applied (`"6784"`), as decimal strings (§5).
- One row per wallet and asset replaces the nested `tokens` arrays, address-keyed maps and column arrays. The native coin is a row like any token, with `token_address` `null` (§4, §6).
- Amberdata's `direction` sets the sort order; on Kaiko that is `sort` , and `direction` keeps the `sent` or `received` side of a transfer (§4, §7).

Endpoint map

Amberdata endpoint	Kaiko endpoint	How to call it	§
`blockchains/addresses/{hash}/balances`	`/blockchains/balances`	`addresses` , one wallet	6
`blockchains/addresses/balances`	`/blockchains/balances`	`addresses` , up to 200 wallets	6
`blockchains/addresses/{address}/portfolio`	`/blockchains/balances`	`addresses`	6
`blockchains/addresses/{hash}/account-balances/latest`	`/blockchains/balances`	`addresses` + `asset_scope=native`	6
`blockchains/addresses/{hash}/account-balances/historical`	`/blockchains/balances`	`addresses` + `asset_scope=native` + a window	6
`blockchains/addresses/{hash}/token-balances/latest`	`/blockchains/balances`	`addresses` + `asset_scope=token`	6
`blockchains/addresses/{hash}/token-balances/historical`	`/blockchains/balances`	`addresses` + `asset_scope=token` or `token_address` + a window	6
`blockchains/addresses/{hash}/token-transfers`	`/blockchains/transfers`	`addresses` + `transaction_type` = `token_transfer`	7
`blockchains/tokens/{hash}/transfers`	`/blockchains/transfers`	`token_address` + `direction=sent`	7
`blockchains/tokens/{hash}/holders/latest`	`/blockchains/token-holders`	`token_address`	8

Coverage & distribution

Data type: Wallet balances per asset, value movements per wallet or token, token holder lists

Blockchains: balances and transfers on ethereum, bitcoin, litecoin, bitcoincash and solana; token holders on ethereum (§4)

Distribution: REST API, `https://api.kaiko.io`

Availability: Live; response version `2026-10-01`

Not covered by this guide

Amberdata's polygon, BNB and Arbitrum wallet data: Kaiko does not serve these blockchains on these endpoints (404 `unsupported_blockchain`). Prices in BTC (`currency=btc`): Kaiko values in US dollars only.

IDENTICAL no change RENAMED same idea, new name or format NEW Kaiko only REMOVED no equivalent

2 Endpoint & authentication

These apply to every endpoint in this guide. Each endpoint section adds its own path and parameters.

	Amberdata (today)	Kaiko (new)
Method	GET	GET
Base URL	`https://api.amberdata.com`	`https://api.kaiko.io`

Path	`/blockchains/addresses/...`
	`/blockchains/tokens/...`
		`/blockchains/balances`
		`/blockchains/transfers`
		`/blockchains/token-holders`

Auth	Header `x-api-key`	Header `X-Api-Key`, your Kaiko key. A key in the query string is refused with 401 `missing_api_key`.
Blockchain	Header `x-amberdata-blockchain-id`, default `ethereum-mainnet`; query `blockchain` on the portfolio endpoint	Query `blockchain`, required on every endpoint, short code (§4)
Version	Returned in `payload.metadata.api-version`	Optional query `api_version=YYYY-MM-DD`; current version `2026-10-01`, echoed in `meta.api_version`
Parameters	Unknown parameters ignored	A parameter the endpoint does not declare returns 400 `invalid_parameter` naming it. Amberdata names such as `size`, `page`, `includePrice` and `blockNumber` are refused this way.

3 Response envelope & metadata

The fields around the data. The ten Amberdata endpoints place their records in six different shapes under `payload`. Kaiko always returns them as an array of objects under `data`.

Amberdata field	Kaiko field	Change	Notes
`status`	HTTP status line	REMOVED	Read the HTTP status code instead.
`title`		REMOVED	"OK" label.

Amberdata field	Kaiko field	Change	Notes
`description`		REMOVED	Free-text status description.
`payload` (object)	`data` (one row per asset)	RENAMED	Wallet balances and latest native balance. The `tokens` array and the native balance become separate rows (§6).
`payload.{address}` (map)	`data`, `address` on each row	RENAMED	Batch balances. Group rows by `address` instead of reading a map key.
`payload.data`	`data`	RENAMED	Portfolio, and the native balance history, whose rows are arrays.
`payload.metadata.columns`		REMOVED	Kaiko rows are keyed objects; there is no column list to read.
`payload.records`	`data`	RENAMED	Token balances, transfers and holders.
`payload.totalRecords`	`meta.count`	RENAMED	Number of records in `data`.
`payload.metadata.next`	`meta.next_url`	RENAMED	Complete URL of the next page; `null` on the last page. Use it as returned.
`payload.metadata.api-version`	`meta.api_version`	RENAMED	Version the endpoint served.
	`meta.url`	NEW	The request as received, with `api_version` added.

- **Empty results.** HTTP 200 with `data: []` for a wallet with no balance, a wallet or token with no movement in the window, and a non-fungible token contract on token holders.
- **Unknown identifiers.** HTTP 404 `unsupported_blockchain` for a blockchain Kaiko does not serve (`polygon`, `arbitrum`, `base`); 404 `token_not_found` on token holders for a token Kaiko has no record of. An address the blockchain cannot hold returns 400 `invalid_parameter`.
- **Missing values.** Every key of a row's family is always present; a value that does not apply or that Kaiko does not have is `null`.
- **Errors.** Returned as `application/problem+json` with `status`, `title`, `detail`, `instance`, a stable `code` such as `invalid_parameter`, `not_entitled` or `rate_limited`, and on a 400 an `errors` list naming each parameter. Branch on `code`, not on the text.

4 Blockchain, address & naming conventions

This guide's equivalent of exchange names: the identifiers you send and receive.

Blockchains

Amberdata	Kaiko code	Balances	Transfers	Token holders
`ethereum-mainnet`	`ethereum`	Yes	Yes	Yes
`bitcoin-mainnet`	`bitcoin`	Yes	Yes	400 `chain_capability_unsupported`

Amberdata	Kaiko code	Balances	Transfers	Token holders
`litecoin-mainnet`	`litecoin`	Yes	Yes	400 `chain_capability_unsupported`
	`bitcoincash`	Yes	Yes	400 `chain_capability_unsupported`
`solana-mainnet`	`solana`	Yes	Yes	400 `chain_capability_unsupported`
`polygon-mainnet`		Not served: 404 `unsupported_blockchain`. Same for `bnb-mainnet` and `arb-one-mainnet`.		

The Amberdata form `ethereum-mainnet` is refused with 400 `invalid_parameter`.

Conventions that change on every endpoint

- **Field names.** camelCase becomes snake_case: `blockNumber` → `block_number`, `transactionHash` → `transaction_hash`.
- **One row shape per blockchain family.** Every row carries `chain_family`: `evm` (ethereum), `solana` or `utxo` (bitcoin, litecoin, bitcoincash). UTXO rows have no token columns. Read the family from each row and skip a value you do not know: new families can be added.
- **Native coin.** The native coin is a row like any token: `token_address` is `null`, `token_symbol` is `ETH` or `SOL`, `token_standards` is `["native"]`. Keep or drop it with `asset_scope`.
- **Addresses.** Ethereum addresses match in any letter case and come back lower case. On bitcoincash a legacy address is accepted and rows carry the `bitcoincash:` cashaddr form; on litecoin a `3...` address comes back in its `M...` form.
- **Time parameters.** `startDate` and `endDate` become `start_time` and `end_time`, ISO 8601 UTC at millisecond precision at most (finer returns 400), start inclusive, end exclusive. Without `start_time`, a window covers the 30 days before `end_time`, which defaults to now. `start_block` and `end_block` give a block window, sent together, end exclusive. `timeFormat` is removed.
- **Timestamps.** Every time is an ISO 8601 UTC string with milliseconds (`1704070775000` → `2024-01-01T00:59:35.000Z`). Block times are whole seconds, so `timestampNanoseconds` is removed.
- **Paging and order.** `size` becomes `page_size` (Amberdata default 50; Kaiko default 100, maximum 1000, above it 400). `page` is removed: follow `meta.next_url` until it is `null`; a page can hold fewer rows than `page_size`. Amberdata `direction` (`ascending`, `descending`) becomes `sort` (`asc`, `desc`, default `desc`).
- **Numbers.** Amounts, balances, prices and USD values are decimal strings; block numbers, indices and decimals are integers. Amberdata's string `blockNumber` (`"18909186"`) and `decimals` (`"8"`) become integers.
- **USD always on.** `includePrice` and `currency` are removed. Every row carries `token_price` and a USD value, `null` when the asset has no price.
- **Token standards.** The six `isERC20` to `isERC1155` flags become one array, `token_standards`: `["erc20"]`, or `spl` and `spl2022` on solana. It is empty when the token metadata types the token as none of them.

5 Will your values change?

Short answer

Balances, transfer amounts, block numbers and timestamps match Amberdata's on the same wallet and block once the decimals are applied. Amounts are in whole units, so your parsing code needs an update.

- **Whole units, not raw integers.** Amberdata `amount`, `value`, `balance`, `numTokens`, `balanceIn` and `balanceOut` are in the smallest unit. Kaiko divides by 10 to the power of `token_decimals`: GALA `"678400000000"` with 8 decimals is Kaiko `"6784"`. To rebuild the raw integer, multiply by $10^{\text{token_decimals}}$ and round.
- **USD pricing.** On transfers, `token_price` is the price at the movement's block.
- **Lifetime inflow and outflow.** `balanceIn` and `balanceOut` become `balance_in` and `balance_out`, in whole coins, on the native ethereum row and on every UTXO row; `null` on token rows and on solana.
- **Zero balances.** A wallet's assets at `"0"` are returned as rows. Drop rows whose `balance` is `"0"` to keep current holdings only.
- **Fee movements.** On ethereum a wallet's transfer feed also lists the gas it paid as `reward_transaction_fee` and `burnt_transaction_fee` rows. Amberdata's token transfer feed does not; filter with `transaction_type=token_transfer`.

6 Wallet balances

Replaces. `blockchains/addresses/{hash}/balances`, `blockchains/addresses/balances`, `blockchains/addresses/{address}/portfolio`, `.../account-balances/latest`, `.../account-balances/historical`, `.../token-balances/latest` and `.../token-balances/historical`.

What it gives you. One row per wallet, asset and block: the balance of each asset a wallet holds, its USD value, and when it last changed. Three reads share the row: the latest balances, the balances as of a past instant or block, and the series of every change in a window. Up to 200 wallets per call.

	Amberdata (today)	Kaiko (new)
Path	`/blockchains/addresses/{hash}/...` `/blockchains/addresses/balances`	`/blockchains/balances`

How to call it

Amberdata endpoint	Kaiko query
`{hash}/balances`, `{address}/portfolio`	`addresses={wallet}`: native row and token rows
`addresses/balances?addresses=a,b`	`addresses=a,b`, up to 200, comma-separated
`account-balances/latest`	`addresses={wallet}&asset_scope=native`
`token-balances/latest`	`addresses={wallet}&asset_scope=token`
`account-balances/historical`	`asset_scope=native` + `start_time`/`end_time` or `start_block`/`end_block`
`token-balances/historical`	`asset_scope=token`, or `token_address` for one token, + a window
Any of them with `blockNumber`	`at_block={block}`, or `at_time` for an instant

Request parameters

Amberdata param	Kaiko param	Change	Notes
`hash`, `address` (path), `addresses`	`addresses`	RENAMED	Required query parameter; 1 to 200 wallets, comma-separated (201 returns 400).
`x-amberdata-blockchain-id`, `blockchain`	`blockchain`	RENAMED	Required query parameter, short code (§4).
`tokenAddress`	`token_address`	RENAMED	One token. Ethereum and solana; 400 on a UTXO blockchain.
	`asset_scope`	NEW	`native`, `token` or `all` (default). Replaces the choice between the account and token paths. On a UTXO blockchain only `all`.
`blockNumber`	`at_block`	RENAMED	Balances as of the end of this block. Not yet on solana (400 `chain_capability_unsupported`).

Amberdata param	Kaiko param	Change	Notes
	`at_time`	NEW	Balances as of this instant. Exclusive with `at_block` and with a window (400).
`startDate` / `endDate`	`start_time` / `end_time`	RENAMED	A series: one row per block in which a balance changed. Default: the 30 days before `end_time`.
	`start_block` / `end_block`	NEW	Block window, sent together, end exclusive. Not yet on solana.
`size`	`page_size`	RENAMED	Default 100, maximum 1000.
`direction`	`sort`	RENAMED	Default `desc`: newest block first on a series; by wallet and token address on a latest read, the native ethereum row last.
	`live`	NEW	`live=true` also returns the newest blocks.
`includePrice`, `currency`		REMOVED	USD always returned (§4).
`value*`, `amount*` filters		REMOVED	Filter on `balance` client-side.
`sortType`, `realTime`, `page`, `timeFormat`		REMOVED	Order is fixed (above); paging follows `meta.next_url`.

Response data fields

The Amberdata column lists the field as each endpoint names it. All of them land on one Kaiko row.

Amberdata field	Kaiko field	Type	Change	Notes
`address` (portfolio), `address.address`, `holder`, map key	`address`	string	RENAMED	The wallet. On token balance records Amberdata's `address` is the token: see below.
`blockchain`	`blockchain`	string	RENAMED	Short code.
`blockNumber` (history), `blockNumber` column	`block_number`	integer	RENAMED	Block the balance is read at: the newest block on a latest read.
`timestamp` (history), `timestamp` column	`timestamp`	string	RENAMED	Time of `block_number`, ISO 8601.
`balance`, `value`, `networkBalance`, `amount`, `tokens[].amount`, `tokens[].balance`	`balance`	string	RENAMED	Whole units (§5). Raw integers become decimals.
`networkBalanceRaw`, `tokens[].balanceRaw`			REMOVED	`balance` × $10^{\text{token_decimals}}$.

Amberdata field	Kaiko field	Type	Change	Notes
`tokens[].address`, `address` (token records)	`token_address`	string	RENAMED	`null` on the native coin.
`symbol`, `name`	`token_symbol`, `token_name`	string	RENAMED	Case kept (`WETH`). Not on UTXO rows.
`decimals`	`token_decimals`	integer	RENAMED	Was a string on token records. `null` when unknown (Amberdata `-1`).
`isERC20` … `isERC1155`	`token_standards`	array	RENAMED	§4.
`price.*.quote`	`token_price`	string	RENAMED	USD per whole unit. `null` when unpriced.
`price.*.total`, `price` column	`balance_usd`	string	RENAMED	`balance` × `token_price`, 8 decimals.
`price.*.currency`			REMOVED	Always USD.
`balanceIn`, `balanceOut`	`balance_in`, `balance_out`	string	RENAMED	Whole coins; native ethereum and UTXO rows only (§5).
`networkBalanceBlockNumber`, `tokens[].blockNumber`, latest `blockNumber`	`last_change_block`	integer	RENAMED	Block that last changed this balance. On a series it equals `block_number` for the asset that moved there.
`tokens[].timestamp`, latest `timestamp`	`last_change_timestamp`	string	RENAMED	Time of `last_change_block`.
`timestampNanoseconds`, `blockchainId`			REMOVED	Always 0; internal hash.
	`chain_family`	string	NEW	`evm`, `solana` or `utxo`.
	`token_id`	string	NEW	ERC-721 or ERC-1155 id, decimal; `null` otherwise.
	`first_acquired_timestamp`	string	NEW	When the wallet first held the asset.

UTXO rows carry `balance`, `balance_in` and `balance_out` in the blockchain's coin and have no `token_symbol`, `token_name`, `token_decimals` or `token_standards` key.

Before / after example: a wallet's holdings

Wallet `0x8a00c2f7...bc24` on Ethereum. The Amberdata portfolio capture is as of block 24752866, its newest change, so the Kaiko call reads the same block with `at_block`; drop it for today's balances. Kaiko response trimmed.

Amberdata

```
GET /blockchains/addresses/
    0x8a00c2f7...bc24/portfolio
    ?blockchain=ethereum-mainnet
x-api-key: <your-key>
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/balances
    ?blockchain=ethereum
    &addresses=0x8a00c2f7...bc24
    &at_block=24752866
X-Api-Key: <your-key>
```

Amberdata


```
{
  "status": 200,
  "title": "OK",
  "description": "Successful request",
  "payload": {
    "data": [ {
      "address": "0x8a00c2f7...bc24",
      "blockchain": "ethereum-mainnet",
      "networkBalance":
        "0.153676628841311...",
      "networkBalanceBlockNumber":
        24523473,
      "tokens": [ {
        "address": "0x2b591e99...eb39",
        "balance": "1",
        "balanceRaw": "100000000",
        "blockNumber": 24752866,
        "decimals": 8,
        "name": "HEX",
        "symbol": "HEX",
        "timestamp":
          "2026-03-28T01:46:35Z"
      }, {
        "address": "0xc02aaa39...6cc2",
        "balance": "0.004217045625",
        "balanceRaw": "4217045625000000",
        "blockNumber": 24451509,
        "decimals": 18,
        "name": "Wrapped Ether",
        "symbol": "WETH",
        "timestamp":
          "2026-02-14T00:41:35Z"
      } ]
    } ],
    "metadata": {}
  }
}
```


Kaiko


```
{
  "data": [ {
    "blockchain": "ethereum",
    "address": "0x8a00c2f7...bc24",
    "block_number": 24752866,
    "timestamp": "2026-03-28T01:46:35.000Z",
    "token_address": "0xc02aaa39...6cc2",
    "token_id": null,
    "token_symbol": "WETH",
    "token_name": "Wrapped Ether",
    "token_decimals": 18,
    "balance": "0.004217045625",
    "balance_usd": "8.64203342",
    "token_price": "2049.309917582048",
    "token_standards": [ "erc20" ],
    "balance_in": null,
    "balance_out": null,
    "last_change_block": 24451509,
    "last_change_timestamp":
      "2026-02-14T00:41:35.000Z",
    "chain_family": "evm"
  },
  ... 6 token rows, HEX "1" among them ...
  {
    "token_address": null,
    "token_symbol": "ETH",
    "token_decimals": 18,
    "balance": "0.153676628841311...",
    "balance_usd": "286.42074192",
    "token_price": "1863.7885544326218",
    "token_standards": [ "native" ],
    "balance_in": "1.734665738518852",
    "balance_out": "1.5809891096775406",
    "last_change_block": 24523473,
    ...
  } ],
  "meta": { "api_version": "2026-10-01",
    "url": "...", "count": 9,
    "next_url": null }
}
```


Balances, last-change blocks and times match. Kaiko also returns assets at `"0"` and adds price and USD value. The batch endpoint is the same call with `addresses=a,b`; the account and token endpoints add `asset_scope=native` or `asset_scope=token`.

Before / after example: native balance history

Binance wallet `0x28c6c062...1d60` on Ethereum, the same two blocks on both APIs. Kaiko response live, trimmed.

Amberdata

```
GET /blockchains/addresses/
    0x28c6c062...1d60/
    account-balances/historical
    ?includePrice=true
x-api-key: <your-key>
x-amberdata-blockchain-id:
    ethereum-mainnet
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/balances
    ?blockchain=ethereum
    &addresses=0x28c6c062...1d60
    &asset_scope=native
    &start_block=25345181
    &end_block=25345184
X-Api-Key: <your-key>
```

Amberdata

```
{
  "status": 200,
  "title": "OK",
  "description": "Successful request",
  "payload": {
    "data": [
      [ "0x28c6c062...1d60",
        "25345183",
        1781794571000,
        0,
        "398763221748555...",
        ... ],
      [ "0x28c6c062...1d60",
        "25345181",
        1781794547000,
        0,
        "3987634336521975...",
        ... ]
    ],
    "metadata": {
      "columns": [ "address",
        "blockNumber", "timestamp",
        "timestampNanoseconds",
        "value", ... ],
      "next": "https://api.amberdata..."
    }
  }
}
```

Kaiko

```
{
  "data": [ {
    "blockchain": "ethereum",
    "address": "0x28c6c062...1d60",
    "block_number": 25345183,
    "timestamp": "2026-06-18T14:56:11.000Z",
    "token_address": null,
    "token_symbol": "ETH",
    "token_decimals": 18,
    "balance": "398763.221748555...",
    "token_standards": [ "native" ],
    "last_change_block": 25345183,
    ...
  }, {
    "block_number": 25345181,
    "timestamp": "2026-06-18T14:55:47.000Z",
    "balance": "398763.4336521975...",
    "last_change_block": 25345181,
    ...
  } ],
  "meta": { "api_version": "2026-10-01",
    "url": "...", "count": 2,
    "next_url": null }
}
```

Blocks and times match (1781794571000 is 2026-06-18T14:56:11Z).

Before / after example: token balance history

The same wallet's JEX balance from 1 to 3 January 2024 on both APIs. Kaiko response live, trimmed.

Amberdata

```
GET /blockchains/addresses/
    0x28c6c062...1d60/
    token-balances/historical
    ?startDate=2024-01-01
    &endDate=2024-01-03
x-api-key: <your-key>

{ ...
  "payload": {
    "records": [ {
      "address": "0xff98a08c...6872",
      "amount": "42071418",
      "blockNumber": "18921066",
      "decimals": "4",
      "holder": "0x28c6c062...1d60",
      "isERC20": true,
      ...
      "name": "JEX Token",
      "symbol": "JEX",
      "timestamp":
        "2024-01-02T17:04:59.000Z"
    }, ... ],
    "totalRecords": 3,
    ...
  }
}
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/balances
    ?blockchain=ethereum
    &addresses=0x28c6c062...1d60
    &token_address=0xff98a08c...6872
    &start_time=2024-01-01T00:00:00Z
    &end_time=2024-01-03T00:00:00Z
X-Api-Key: <your-key>

{ "data": [ {
    "address": "0x28c6c062...1d60",
    "block_number": 18921066,
    "timestamp": "2024-01-02T17:04:59.000Z",
    "token_address": "0xff98a08c...6872",
    "token_symbol": "JEX",
    "token_name": "JEX Token",
    "token_decimals": 4,
    "balance": "4207.1418",
    "balance_usd": null,
    "token_price": null,
    "token_standards": [ "erc20" ],
    ...
  }, ... ],
  "meta": { ... } }
```

Block, time and balance match exactly: 42071418 with 4 decimals is 4207.1418. Amberdata's `address` is the token and `holder` the wallet; Kaiko names them `token_address` and `address`. JEX has no price, so the USD fields are `null`.

7 Transfers

Replaces. `blockchains/addresses/{hash}/token-transfers` and `blockchains/tokens/{hash}/transfers`.

What it gives you. Every value movement of a wallet, of a token, or of a wallet in one token: native coin and token transfers, mints, burns and fees, with the wallet's balance after the movement and USD values. One row per side of a movement, attributed to the address on that side.

	Amberdata (today)	Kaiko (new)
Path	`/blockchains/addresses/{hash}/token-transfers` `/blockchains/tokens/{hash}/transfers`	`/blockchains/transfers`

Request parameters

Amberdata param	Kaiko param	Change	Notes
`hash` (wallet path)	`addresses`	RENAMED	Query parameter; 1 to 10 wallets, comma-separated. Returns each wallet's side of its movements.
`hash` (token path), `tokenAddress`	`token_address`	RENAMED	Alone: every movement of the token; send it with `direction=sent`. With `addresses`: those wallets' movements of it. Ethereum and solana. Send `addresses`, `token_address` or both (neither returns 400).
`x-amberdata-blockchain-id`	`blockchain`	RENAMED	Required (§4).
	`transaction_type`	NEW	One movement class. Ethereum: `token_transfer`, `coin_transfer`, `token_mint`, `token_burn`, `reward_transaction_fee`, `burnt_transaction_fee`, staking and reward classes. Solana: `transfer`, `mint`, `burn` and others. A value of another blockchain returns 400.
	`direction`	NEW	`sent`, `received` or `all` (default). Not the Amberdata `direction`.
	`script_type`	NEW	UTXO blockchains only: one output script kind, such as `witness_v0_keyhash`.
`transactionHash`	`transaction_hash`	RENAMED	Applies inside the window: send a window that contains the transaction, or it returns `data: []`.
`startDate` / `endDate`	`start_time` / `end_time`	RENAMED	End exclusive. Default: the last 30 days.
`blockNumber`	`start_block` / `end_block`	RENAMED	One block `N`: `start_block=N&end_block=N+1`. Not yet on solana.
`size`	`page_size`	RENAMED	Default 100, maximum 1000.
`direction`	`sort`	RENAMED	Order by block, transaction and movement position; `desc` by default.
	`live`	NEW	`live=true` also returns the newest blocks.

Amberdata param	Kaiko param	Change	Notes
`amount*` filters		REMOVED	Filter on `amount` client-side.
`includePrice`, `currency`, `validationMethod`, `decodeTransactions`, `page`, `timeFormat`		REMOVED	USD always returned; paging follows `meta.next_url`.

Response data fields

Amberdata field	Kaiko field	Type	Change	Notes
`from.address`	`sender_address`	string	RENAMED	Flat field. `null` on a mint.
`to[].address`	`receiver_address`	string	RENAMED	One address, not an array. `null` on a burn.
	`address`, `direction`	string	NEW	The side the row belongs to: `sent` (sender) or `received` (receiver). The sent side of a mint is the zero address.
`amount`	`amount`	string	RENAMED	Whole units, not raw (§5).
`blockNumber`	`block_number`	integer	RENAMED	Was a string.
`blockHash`	`block_hash`	string	RENAMED	
`timestamp`	`timestamp`	string	RENAMED	Epoch ms → ISO 8601.
`transactionHash`	`transaction_hash`	string	RENAMED	
`logIndex`			REMOVED	Not served. A movement is identified by `transaction_hash`, `movement_index` and `event_index`.
`tokenAddress`	`token_address`	string	RENAMED	`null` for the native coin.
`symbol`, `name`	`token_symbol`, `token_name`	string	RENAMED	
`decimals`	`token_decimals`	integer	RENAMED	Was a string. Already applied to `amount`.
`isERC20` … `isERC1155`	`token_standards`	array	RENAMED	§4.
`timestampNanoseconds`, `input`			REMOVED	Always 0; transaction input is not served.
	`transaction_type`	string	NEW	Movement class (filter values above); `script_type` on UTXO rows instead.

Amberdata field	Kaiko field	Type	Change	Notes
	`transaction_index`, `movement_index`, `event_index`	integer	NEW	Position of the transaction in the block and of the movement in the transaction. `event_index` is set on ethereum, `null` elsewhere.
	`initiator_address`	string	NEW	Ethereum: the account that signed the transaction.
	`balance_after`, `balance_after_usd`	string	NEW	The row's address's balance of the asset after the transaction.
	`token_price`, `amount_usd`	string	NEW	USD at the movement's block; `null` when unpriced.
	`token_id`, `validator_index`	string, integer	NEW	NFT id moved; beacon validator of a staking withdrawal. `null` otherwise.
	`chain_family`, `blockchain`	string	NEW	§4.

Before / after example: a wallet's token transfers

The same GALA transfer on both APIs: block 18909186, transaction `0x18a36090...764c`. Without `transaction_type` the same Kaiko call also returns the transaction's fee rows. Kaiko response live.

Amberdata

```
GET /blockchains/addresses/
    0x28c6c062...1d60/token-transfers
    ?startDate=2024-01-01T00:00:00
    &endDate=2024-01-01T01:00:00
x-api-key: <your-key>
x-amberdata-blockchain-id:
    ethereum-mainnet
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/transfers
    ?blockchain=ethereum
    &addresses=0x28c6c062...1d60
    &transaction_type=token_transfer
    &start_time=2024-01-01T00:00:00Z
    &end_time=2024-01-01T01:00:00Z
X-Api-Key: <your-key>
```

Amberdata


```
{
  "status": 200,
  "title": "OK",
  "description": "Successful request",
  "payload": {
    "records": [ {
      "amount": "678400000000",
      "blockHash": "0x6c342f76...632b",
      "blockNumber": "18909186",
      "decimals": "8",
      "from": {
        "address": "0x28c6c062...1d60"
      },
      "isERC20": true,
      "isERC721": false,
      "isERC777": false,
      "isERC884": false,
      "isERC998": false,
      "isERC1155": false,
      "logIndex": 55,
      "name": "Gala",
      "symbol": "GALA",
      "timestamp": 1704070775000,
      "timestampNanoseconds": 0,
      "to": [ {
        "address": "0x32bf878a...0539"
      } ],
      "tokenAddress": "0xd1d2eb1b...7cae",
      "transactionHash":
        "0x18a36090...764c"
    } ],
    "totalRecords": 2
  }
}
```


Kaiko


```
{
  "data": [ {
    "blockchain": "ethereum",
    "address": "0x28c6c062...1d60",
    "block_number": 18909186,
    "block_hash": "0x6c342f76...632b",
    "timestamp": "2024-01-01T00:59:35.000Z",
    "transaction_hash": "0x18a36090...764c",
    "transaction_type": "token_transfer",
    "transaction_index": 37,
    "movement_index": 1,
    "event_index": 0,
    "sender_address": "0x28c6c062...1d60",
    "receiver_address": "0x32bf878a...0539",
    "initiator_address": "0x28c6c062...1d60",
    "validator_index": null,
    "token_address": "0xd1d2eb1b...7cae",
    "token_symbol": "GALA",
    "token_name": "Gala",
    "token_decimals": 8,
    "direction": "sent",
    "amount": "6784",
    "amount_usd": "205.30034208",
    "balance_after": "202368919.98909977",
    "balance_after_usd": "6124175.78126803",
    "token_price": "0.0302624325",
    "token_standards": [ "erc20" ],
    "token_id": null,
    "chain_family": "evm"
  }, ... ],
  "meta": { "api_version": "2026-10-01",
    "url": "...", "next_url": ... }
}
```


Block, block hash, time, transaction, sender, receiver and token match. 678400000000 with 8 decimals is 6784. Amberdata's log index 55 has no Kaiko equivalent; Kaiko adds the side of the row, the wallet's GALA balance after the transfer and USD values.

Before / after example: every transfer of a token

The same USDC transfer on both APIs: block 25345389, transaction `0xd6f31d66...adf3`. With `direction=sent` Kaiko returns one row per movement in the transaction; the matching row is shown.

Amberdata

```
GET /blockchains/tokens/
    0xa0b86991...eb48/transfers
x-api-key: <your-key>
x-amberdata-blockchain-id:
    ethereum-mainnet

{ ...
  "payload": {
    "records": [ {
      "amount": "253952564",
      "blockNumber": "25345389",
      "decimals": "6",
      "from": {
        "address": "0xe2cd94c8...d668"
      },
      "isERC20": true,
      ...
      "logIndex": 485,
      "name": "USD Coin",
      "symbol": "USDC",
      "timestamp": 1781797055000,
      "timestampNanoseconds": 0,
      "to": [ {
        "address": "0x7f54f056...be8a"
      } ],
      "tokenAddress": "0xa0b86991...eb48",
      "transactionHash":
        "0xd6f31d66...adf3",
      "input": null
    } ]
  }
}
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/transfers
    ?blockchain=ethereum
    &token_address=0xa0b86991...eb48
    &direction=sent
    &start_block=25345389
    &end_block=25345390
X-Api-Key: <your-key>

{ "data": [ ... {
    "address": "0xe2cd94c8...d668",
    "block_number": 25345389,
    "timestamp": "2026-06-18T15:37:35.000Z",
    "transaction_hash": "0xd6f31d66...adf3",
    "transaction_type": "token_transfer",
    "transaction_index": 123,
    "movement_index": 125,
    "event_index": 0,
    "sender_address": "0xe2cd94c8...d668",
    "receiver_address": "0x7f54f056...be8a",
    "token_symbol": "USDC",
    "token_decimals": 6,
    "direction": "sent",
    "amount": "253.952564",
    "amount_usd": "253.92376462",
    "token_price": "0.9998865954340378",
    ...
  }, ... ],
  "meta": { ... "count": 61 } }
```

Block, time (1781797055000 is 2026-06-18T15:37:35Z), sender, receiver and amount match: 253952564 with 6 decimals is 253.952564. Mints and burns are included: the sent row of a `token_mint` is attributed to the zero address with `sender_address` `null`.

8 Token holders

Replaces. `blockchains/tokens/{hash}/holders/latest`.

What it gives you. The addresses holding a token, largest balance first, with each holder's balance, its USD value, when it first held the token and when its balance last moved. Holders are read from a snapshot of every balance, rebuilt about every hour; every row names its snapshot. Ethereum only.

	Amberdata (today)	Kaiko (new)
Path	`/blockchains/tokens/{hash}/holders/latest`	`/blockchains/token-holders`

Request parameters

Amberdata param	Kaiko param	Change	Notes
`hash` (path), `tokenAddress`	`token_address`	RENAMED	Required query parameter, sent once. Any letter case. Unknown token: 404 `token_not_found`.
`x-amberdata-blockchain-id`	`blockchain`	RENAMED	Required; `ethereum`.
`size`	`page_size`	RENAMED	Default 100, maximum 1000.
	`sort`	NEW	By balance: `desc` (default, largest first) or `asc`.
`numTokens*`, `timestamp*` filters		REMOVED	Filter client-side on `balance` and `first_acquired_timestamp`.
`includePrice`, `currency`, `page`, `timeFormat`		REMOVED	USD always returned; paging follows `meta.next_url`.

There is no time parameter: the newest snapshot is served. Every page of one walk reads the same snapshot. A walk that outlives it returns 400 `snapshot_expired`: restart from the first page.

Response data fields

Amberdata field	Kaiko field	Type	Change	Notes
`holderAddress`	`address`	string	RENAMED	Lower case.
`tokenAddress`	`token_address`	string	RENAMED	Lower case.
`numTokens`	`balance`	string	RENAMED	Whole tokens, at `snapshot_timestamp`.
`decimals`	`token_decimals`	integer	RENAMED	Was a string. `null` when unknown; `balance` is then not scaled.
`holderFirstTimestamp`	`first_acquired_timestamp`	string	RENAMED	When the address first held the token.

Amberdata field	Kaiko field	Type	Change	Notes
`timestamp`	`last_change_timestamp`	string	RENAMED	Epoch ms → ISO 8601. Read when the page is served, so it can be later than the snapshot.
	`last_change_block`	integer	NEW	Block of that last movement.
	`snapshot_id`, `snapshot_timestamp`	integer, string	NEW	The snapshot read and the instant it describes.
	`token_symbol`, `token_name`	string	NEW	
	`token_price`, `balance_usd`	string	NEW	One price per page: the token's newest priced transfer at or before the snapshot. `null` when unpriced.
	`blockchain`	string	NEW	

Before / after example

USDC holders on Ethereum, top holder `0x37305b1c...7341` on both. The Amberdata panel is the 18 June 2026 capture; the Kaiko panel is the snapshot of 30 October 2026, so balances differ by date. Kaiko response live, trimmed.

Amberdata

```
GET /blockchains/tokens/
    0xA0b86991...eB48/holders/latest
    ?tokenAddress=0xA0b86991...eB48
    &size=3
x-api-key: <your-key>
x-amberdata-blockchain-id:
    ethereum-mainnet
```

Kaiko

```
GET https://api.kaiko.io
    /blockchains/token-holders
    ?blockchain=ethereum
    &token_address=0xa0b86991...eb48
    &page_size=3
X-Api-Key: <your-key>
```

Amberdata


```
{
  "status": 200,
  "title": "OK",
  "description": "Successful request",
  "payload": {
    "records": [ {
      "tokenAddress": "0xa0b86991...eb48",
      "holderAddress": "0x37305b1c...7341",
      "timestamp": 1781797091000,
      "numTokens": "4107093271366361",
      "decimals": "6"
    }, {
      "tokenAddress": "0xa0b86991...eb48",
      "holderAddress": "0x38aaef37...b200",
      "timestamp": 1781527415000,
      "numTokens": "2112218119146020",
      "decimals": "6"
    } ]
  }
}
```


Kaiko


```
{
  "data": [ {
    "blockchain": "ethereum",
    "address": "0x37305b1c...7341",
    "snapshot_id": 684,
    "snapshot_timestamp":
      "2026-10-30T14:58:12.000Z",
    "token_address": "0xa0b86991...eb48",
    "token_symbol": "USDC",
    "token_name": "USD Coin",
    "token_decimals": 6,
    "balance": "3686341293.689615",
    "balance_usd": "3685978852.26388629",
    "token_price": "0.9999016799051273",
    "last_change_block": 26306672,
    "last_change_timestamp":
      "2026-10-30T16:09:11.000Z"
  }, {
    "address": "0xe1940f57...29b6",
    "balance": "1699999999.039577",
    ...
  }, ... ],
  "meta": { "api_version": "2026-10-01",
    "url": "...", "count": 3,
    "next_url": "https://api.kaiko.io/..." }
}
```


The top holder is the same address. The two reads are at different dates, so the balances differ; Amberdata returns a raw integer, Kaiko a decimal-adjusted balance.