

Future Pre-game Prediction API

Price a future singles fixture before it is available in the normal match feed. Submit player details, tournament details and exact market targets; MarketEngine returns the standard asynchronous pricing result and can continue when no unique canonical tournament is available.

Step	Client action	Outcome
1	Submit future fixture	HTTP 202 with fixture_id and job_id
2	Poll status_url	QUEUED or PROCESSING while the request runs
3	Read terminal response	COMPLETED markets or a structured FAILED error

Contract

- Authentication: managed X-API-Key.
- Request body: strict JSON; unknown fields are rejected.
- Output: the standard asynchronous market-response vocabulary.
- Source odds: unavailable for this workflow; returned prices are model-only.

Contract version 1.5 - 19 September 2026

01. Endpoint and request

```
POST /v2/future-prediction-jobs
Content-Type: application/json
X-API-Key: <managed-api-key>
User-Agent: <client-name>/<version>
```

MarketEngine generates fixture_id. Send only the fields defined in this contract; unknown fields are rejected. Each accepted POST creates a separate job; the endpoint does not merge identical submissions.

```
{
  "scheduled_at": "2026-10-16T14:00:00Z",
  "players": [
    { "position": "PLAYER_1", "name": "Carlos Alcaraz", "country_code": "ESP" },
    { "position": "PLAYER_2", "name": "Jannik Sinner", "country_code": "ITA" }
  ],
  "tournament": {
    "name": "Madrid Open",
    "event_type": "ATP_SINGLES",
    "country_code": "ESP",
    "city": "Madrid",
    "surface": "CLAY",
    "indoor": false,
    "gender": "MALE",
    "best_of_sets": 3,
    "round": "QUARTER_FINAL"
  },
  "markets": [
    { "type": "MONEYLINE", "period": "MATCH", "line": null },
    { "type": "HANDICAP", "period": "MATCH", "line": -2.5 },
    { "type": "TOTAL", "period": "MATCH", "line": 22.5 }
  ]
}
```

02. Request field rules

Players

Field	Required	Rule
players	Yes	Exactly two entries: one PLAYER_1 and one PLAYER_2
players[].name	Yes	Complete available player name; non-empty string
players[].country_code	No	Optional supported three-letter code; a full country field is rejected

Tournament

Field	Required	Allowed value / rule
name	Yes	Provider name or supported label, for example Madrid Open or ATP Madrid
event_type	Yes	ATP_SINGLES, WTA_SINGLES, CHALLENGER_MEN_SINGLES, CHALLENGER_WOMEN_SINGLES, ITF_MEN_SINGLES or ITF_WOMEN_SINGLES
country_code	Yes	Three-letter uppercase country code
city	Yes	Non-empty city name
surface	Yes	HARD, CLAY or GRASS
indoor	Yes	true or false
gender	Yes	MALE or FEMALE; must agree with event_type
best_of_sets	Yes	3 or 5
round	No	Optional stage; recognized values can disambiguate canonical records
scheduled_at	Yes	ISO-8601 future datetime; its UTC year selects the tournament season

Tournament matching. MarketEngine searches only the scheduled UTC season. Generic labels such as Madrid Open and ATP Madrid are aliases. When imported location evidence exists, exact country and city are preferred. Provider records belonging to one tournament family are resolved as one event: an explicit Qualification name or QUALIFYING round selects the qualifying draw; otherwise the main draw is selected. Recognized round values include QUALIFYING, ROUND_OF_64, ROUND_OF_32, ROUND_OF_16, QUARTER_FINAL, SEMI_FINAL and FINAL.

Generic tournament fallback

Canonical tournament mapping is preferred, but it is not required for this future-fixture route. If no unique compatible tournament can be selected, pricing continues with the validated event type, surface, indoor status, gender and match format from the request. The tournament-edition serving-residual feature is set to zero; all other player-strength and match-context features remain active. Player mapping and current player strengths remain mandatory.

Country codes

Use the three-letter code shown below whenever a country_code field is provided.

Country	Code	Country	Code	Country	Code	Country	Code
Aruba	ABW	Czech Republic	CZE	Kuwait	KWT	Portugal	PRT
Afghanistan	AFG	Germany	DEU	Laos	LAO	Paraguay	PRY
Angola	AGO	Djibouti	DJI	Lebanon	LBN	Qatar	QAT
Albania	ALB	Denmark	DNK	Libya	LBY	Romania	ROU
Andorra	AND	Dominican Republic	DOM	St. Lucia	LCA	Russia	RUS
United Arab Emirates	ARE	Algeria	DZA	Liechtenstein	LIE	Rwanda	RWA
Argentina	ARG	Ecuador	ECU	Sri Lanka	LKA	Saudi Arabia	SAU
Armenia	ARM	Egypt	EGY	Lesotho	LSO	Sudan	SDN
Antigua and Barbuda	ATG	Spain	ESP	Lithuania	LTU	Senegal	SEN
Australia	AUS	Estonia	EST	Luxembourg	LUX	Singapore	SGP
Austria	AUT	Ethiopia	ETH	Latvia	LVA	El Salvador	SLV
Azerbaijan	AZE	Finland	FIN	Macau, China	MAC	San Marino	SMR
Burundi	BDI	Fiji	FJI	Morocco	MAR	Serbia	SRB
Belgium	BEL	France	FRA	Monaco	MCO	Slovakia	SVK
Benin	BEN	Gabon	GAB	Moldova	MDA	Slovenia	SVN
Burkina Faso	BFA	United Kingdom	GBR	Madagascar	MDG	Sweden	SWE
Bangladesh	BGD	Georgia	GEO	Maldives	MDV	Seychelles	SYC
Bulgaria	BGR	Ghana	GHA	Mexico	MEX	Syria	SYR
Bahrain	BHR	Greece	GRC	North Macedonia	MKD	Togo	TGO
Bahamas	BHS	Guatemala	GTM	Mali	MLI	Thailand	THA
Bosnia and Herzegovina	BIH	Guam	GUM	Malta	MLT	Tajikistan	TJK
Belarus	BLR	Hong Kong	HKG	Myanmar	MMR	Turkmenistan	TKM
Bermuda	BMU	Honduras	HND	Montenegro	MNE	Taiwan	TPE
Bolivia	BOL	Croatia	HRV	Mongolia	MNG	Trinidad and Tobago	TTO
Brazil	BRA	Haiti	HTI	Mozambique	MOZ	Tunisia	TUN
Barbados	BRB	Hungary	HUN	Mauritania	MRT	Turkey	TUR
Brunei Darussalam	BRN	Indonesia	IDN	Mauritius	MUS	Tanzania	TZA
Bhutan	BTN	India	IND	Malaysia	MYS	Uganda	UGA
Botswana	BWA	Ireland	IRL	Namibia	NAM	Ukraine	UKR
Canada	CAN	Iran	IRN	New Caledonia	NCL	Uruguay	URY
Switzerland	CHE	Iraq	IRQ	Nigeria	NGA	USA	USA
Chile	CHL	Iceland	ISL	Nicaragua	NIC	Uzbekistan	UZB
China	CHN	Israel	ISR	Netherlands	NLD	Venezuela	VEN
Côte d'Ivoire	CIV	Italy	ITA	Norway	NOR	US Virgin Islands	VIR
Cameroon	CMR	Jamaica	JAM	Nepal	NPL	Vietnam	VNM
DR Congo	COD	Jordan	JOR	New Zealand	NZL	World	WLD
Congo	COG	Japan	JPN	Pakistan	PAK	Kosovo	XXK
Colombia	COL	Kazakhstan	KAZ	Peru	PER	Yemen	YEM
Costa Rica	CRI	Kenya	KEN	Philippines	PHL	South Africa	ZAF
Cuba	CUB	Kyrgyz Republic	KGZ	Papua New Guinea	PNG	Zimbabwe	ZWE
Curacao	CUW	Cambodia	KHM	Poland	POL		
Cyprus	CYP	South Korea	KOR	Puerto Rico	PRI		

03. Market targets

Type	Line rule	Meaning
MONEYLINE	Must be null	PLAYER_1 versus PLAYER_2
HANDICAP	Required half-point	Submitted line is PLAYER_1; PLAYER_2 receives the inverse
TOTAL	Required positive half-point	Same line is used for OVER and UNDER

Periods

- MATCH
- SET_1 through SET_5, provided the set does not exceed best_of_sets

Validation examples

```
{ "type": "MONEYLINE", "period": "MATCH", "line": null }  
{ "type": "HANDICAP", "period": "MATCH", "line": -2.5 }  
{ "type": "TOTAL", "period": "MATCH", "line": 22.5 }
```

No inferred lines

HANDICAP or TOTAL with line: null is rejected with HTTP 422. MarketEngine does not substitute zero, infer a line or price a different target.

Other rules

- At least one and at most 100 unique market targets.
- Duplicate type, period and line combinations are rejected.
- Each accepted POST creates a new fixture and job; identical request bodies are not deduplicated.
- The API key's allowed-market policy continues to apply.
- Each valid target consumes one prediction credit.

04. Asynchronous responses

Accepted

HTTP 202 confirms schema validation and job creation only. Player and tournament mapping and NumLab pricing continue asynchronously, so poll status_url until COMPLETED or FAILED.

```
{
  "fixture_id": "future_fixture_a71b921c4d5e6f70",
  "job_id": "job_abc123",
  "prediction_id": null,
  "status": "QUEUED",
  "stage": "VALIDATION_COMPLETE",
  "status_url": "/v2/prediction-jobs/job_abc123",
  "data": null,
  "error": null,
  "request_id": "req_abc123",
  "accepted_at": "2026-09-16T12:00:00Z"
}
```

Polling

```
GET /v2/prediction-jobs/{job_id}
X-API-Key: <same managed-api-key>
```

- Poll only the status_url returned by submission.
- Stop on COMPLETED or FAILED.
- A different API client receives JOB_NOT_FOUND for the same job ID.

05. Completed output

```
{
  "fixture_id": "future_fixture_a71b921c4d5e6f70",
  "job_id": "job_abc123",
  "prediction_id": "pred_abc123",
  "status": "COMPLETED", "stage": "COMPLETED",
  "data": {
    "match": { "event_id": "future_fixture_a71b921c4d5e6f70", "match_date": "2026-10-16" },
    "markets": [{
      "type": "MONEYLINE", "period": "MATCH", "source_odds_available": false,
      "selections": [{
        "selection": "PLAYER_1", "line": null, "name": "Carlos Alcaraz",
        "source_price_timestamp_utc": null, "model_probability": 0.61, "decimal_price": 1.639
      }, {
        "selection": "PLAYER_2", "line": null, "name": "Jannik Sinner",
        "source_price_timestamp_utc": null, "model_probability": 0.39, "decimal_price": 2.564
      }
    ]
  }
},
  "error": null, "request_id": "req_abc123"
}
```

Model-only pricing

source_odds_available is false and source_price_timestamp_utc is null. The future endpoint does not accept or manufacture closing odds.

06. Errors and integration checklist

Code	Meaning
VALIDATION_ERROR	Malformed body, unsupported enum, invalid line or impossible period
PLAYER_NOT_FOUND	The supplied player name could not be accepted
PLAYER_AMBIGUOUS	The supplied player details identify more than one record
SAME_PLAYER_SELECTED	Both supplied entries identify the same player
PLAYER_STRENGTH_UNAVAILABLE	A supplied player cannot be priced
MARKET_NOT_ALLOWED	The API key is not entitled to the requested market type
QUOTA_EXCEEDED	A configured request, daily credit or queue limit was reached

Checklist

- Send a descriptive User-Agent with every request.
- Send scheduled_at in UTC.
- Send full player names in PLAYER_1 and PLAYER_2 order.
- When available, send each player's supported three-letter country_code; otherwise omit it.
- Send every required tournament field and include round only when available.
- An unresolved tournament uses generic tournament mode and is not a terminal mapping error.
- Send exact market lines; never send null for HANDICAP or TOTAL.
- Retain fixture_id, job_id and request_id for support.
- After HTTP 202, poll the returned job instead of resubmitting the body.
- Correct the request before retrying an input-related failure.