

# Kveik Session IPA

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- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **38**
- SRM **3.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **8 %**
- Size with trub loss **23.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **12 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **20.2 liter(s)** of **76C** water or to achieve **28.2 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount     | Yield | EBC |
|-------|----------------------|------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (75%) | 80 %  | 5   |
| Grain | Pszeniczny           | 1 kg (25%) | 80 %  | 4   |

## Hops

| Use for | Name       | Amount | Time     | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil    | Warrior    | 17 g   | 60 min   | 15.1 %     |
| Boil    | Cascade    | 3.5 g  | 30 min   | 6 %        |
| Boil    | Cascade PL | 15 g   | 10 min   | 4.5 %      |
| Boil    | Amarillo   | 10 g   | 5 min    | 9.5 %      |
| Boil    | Cascade PL | 15 g   | 5 min    | 4.5 %      |
| Boil    | Amarillo   | 15 g   | 1 min    | 9.5 %      |
| Boil    | Cascade PL | 25 g   | 1 min    | 4.5 %      |
| Dry Hop | Cascade PL | 15 g   | 4 day(s) | 4.5 %      |
| Dry Hop | Amarillo   | 10 g   | 4 day(s) | 9.5 %      |
| Dry Hop | Cascade PL | 30 g   | 2 day(s) | 4.5 %      |
| Dry Hop | Amarillo   | 15 g   | 2 day(s) | 9.5 %      |

## Yeasts

| <b>Name</b>     | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|-----------------|-------------|-------------|---------------|-------------------|
| FM53 Voss kveik | Ale         | Slant       | 200 ml        | Miesięczne        |